

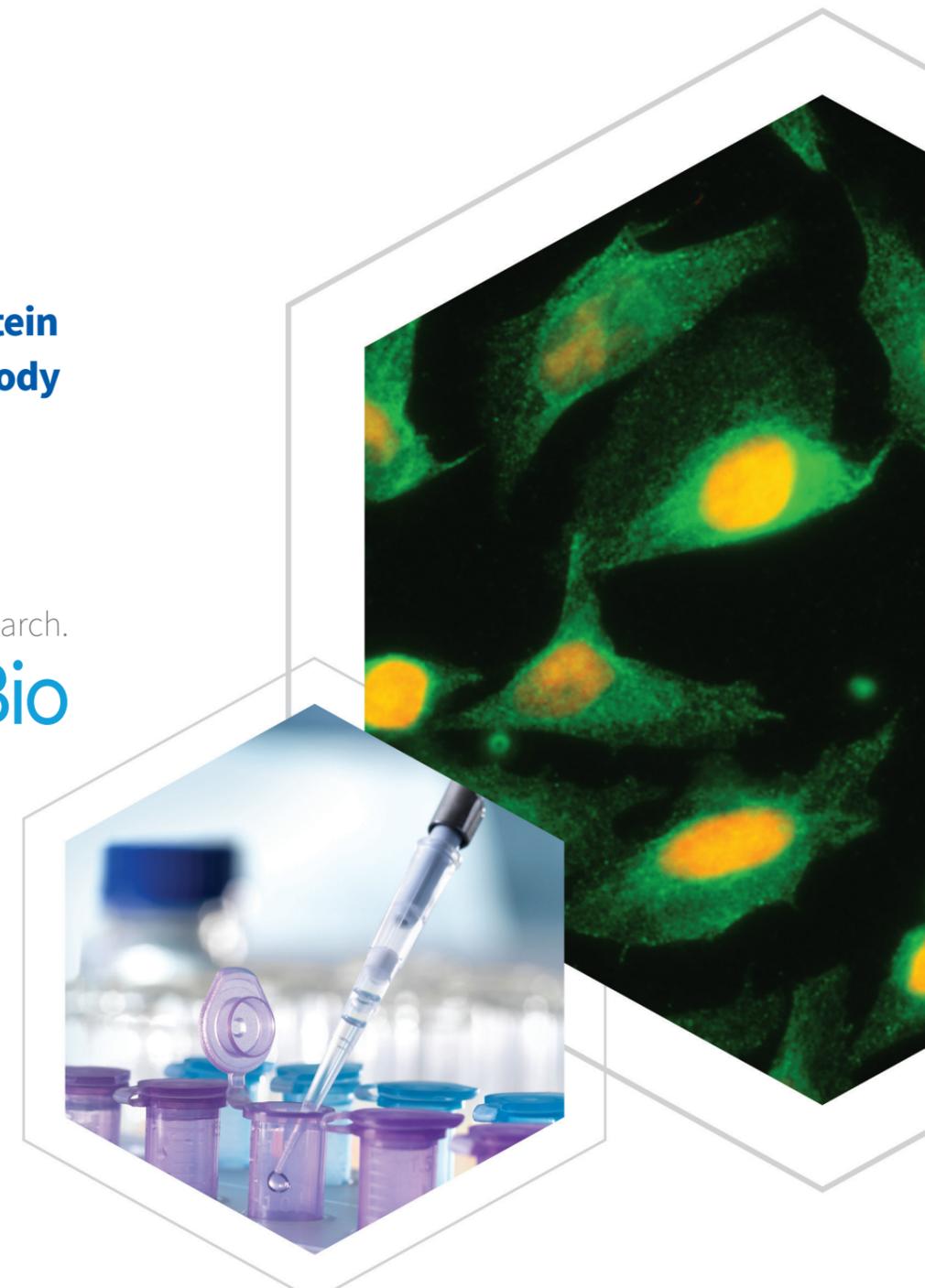


**We support you,  
we believe in your research.**

**Recombinant Protein  
Monoclonal Antibody  
cDNA library  
Lysate**

We support you,  
we believe in your research.

**NKMAXBio**



**NKMAX Co., Ltd.**

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Global NK cell Leader



## “Health is the greatest wealth” **NKMAX**

NKMAX was founded on the belief that ‘Health is the greatest wealth’. The company and its employees are committed to both improving quality of life and saving lives, whether by developing new immunotherapies, providing novel diagnostic tests, or providing the research community with recombinant proteins and antibodies that are crucial for life science advancements.

NKMAX has developed the world's first and only commercially available NK Cell activity test. In addition, NKMAX provides high quality health supplements to help strengthen the immune system.

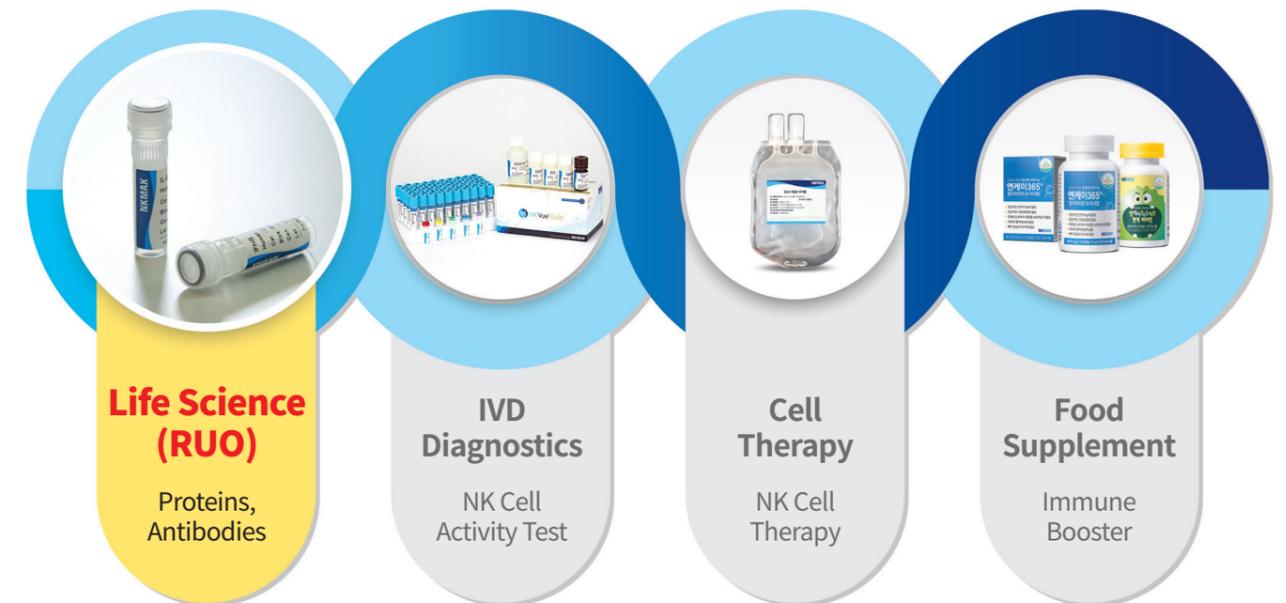
NKMAX recently expanded its business to the cell therapy market by focusing on the immune system and developing an immunotherapy called SuperNK, which overcomes the limitations of existing NK cell therapy. NKMAX aims to provide the safest and most effective immunotherapy.

NKMAX harnesses the power of the body’s immune system through the development of a unique Natural Killer (NK) cell immunotherapy. NKMAX strives to fulfill its mission and vision to become a global leader in the healthcare industry.

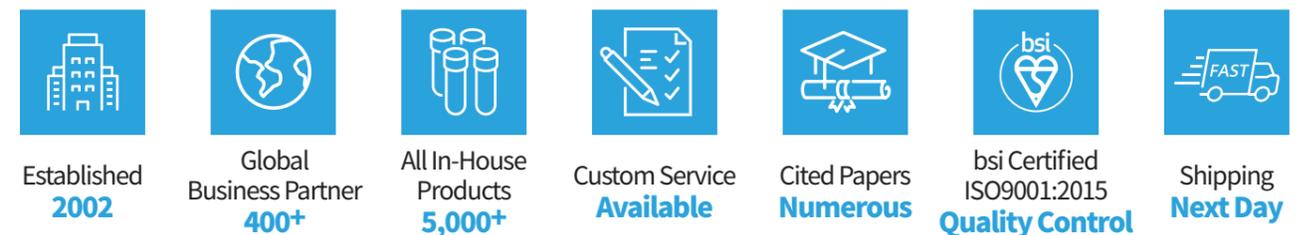
## About NKMAX

NKMAX has gene cloning technology essential for producing recombinant proteins, various expression systems and purification technologies, antigen design technology for antibody production, and monoclonal antibody production technology. NKMAX produces high-purity, high-quality research reagents by integrating these technologies.

### • Business



### • Why Choose NKMAX



**We can help you troubleshoot**

because we know our products best as the manufacturer.

**We can ship products right away**

because we have them in inventory.

**Our products will be less expensive**

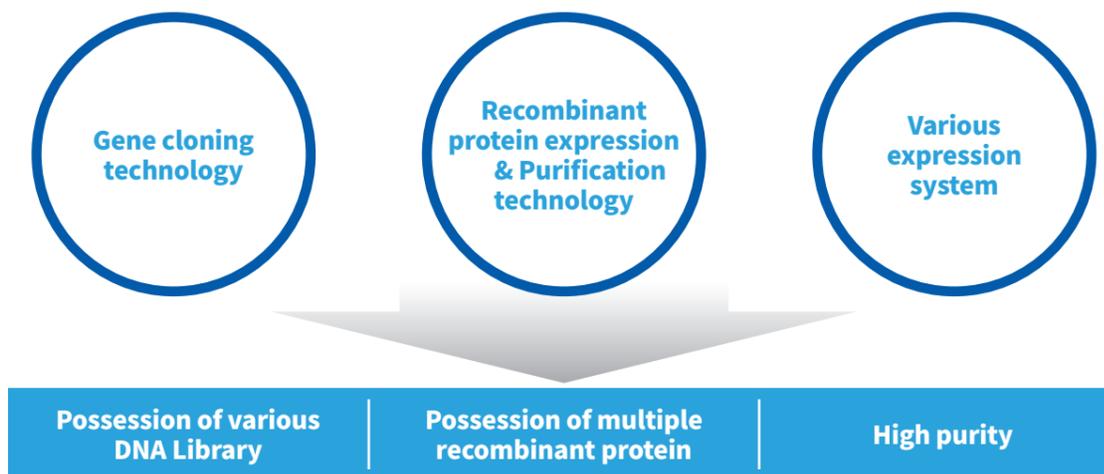
because we save unnecessary distribution losses.

## Research Reagents of NKMAX

Having acquired expertise with fusion peptides, NKMAX has developed over 4,400 high quality recombinant proteins and over 500 monoclonal antibodies, which are being sold in over 40 countries around the world. NKMAX has positioned itself as a world-leading manufacturer of research reagents through its unique technology and continuous R&D. NKMAX hopes to bring innovative solutions to the global bio research industry.

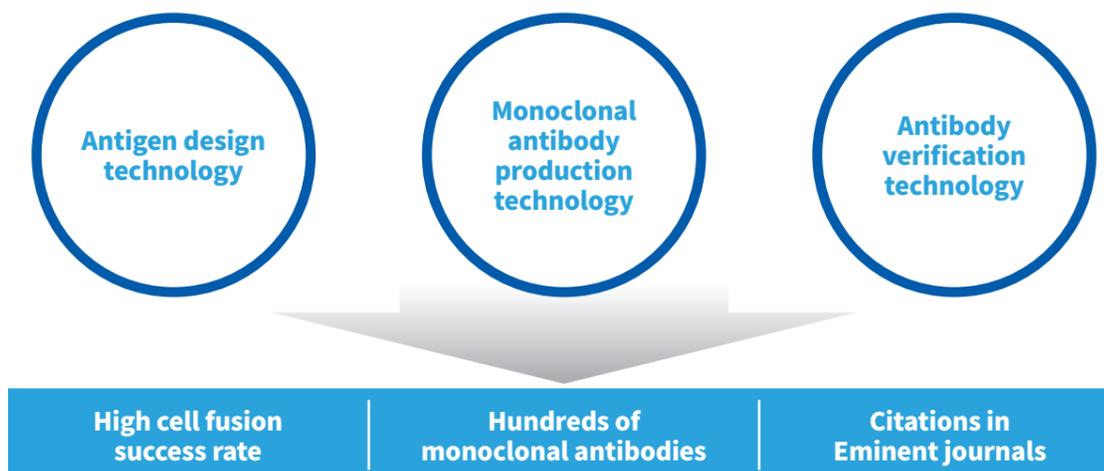
### • Recombinant Protein

We provide high purity of recombinant proteins with a DNA library through our specialized technology of DNA cloning, purification, and various expression systems.



### • Monoclonal Antibody

We supply high quality monoclonal antibodies through our know-how of antigen design technology with the suitable immune method.



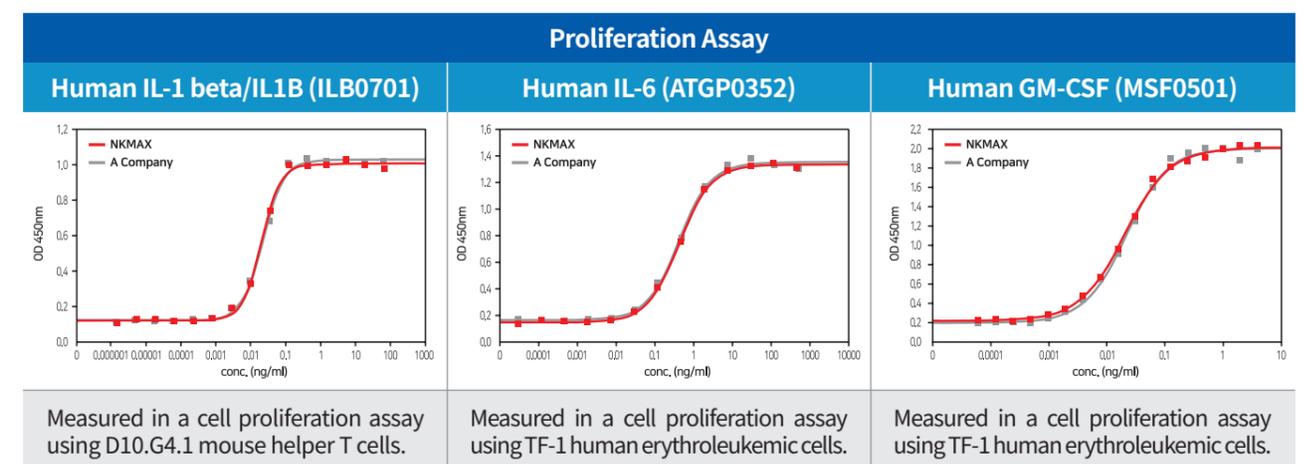
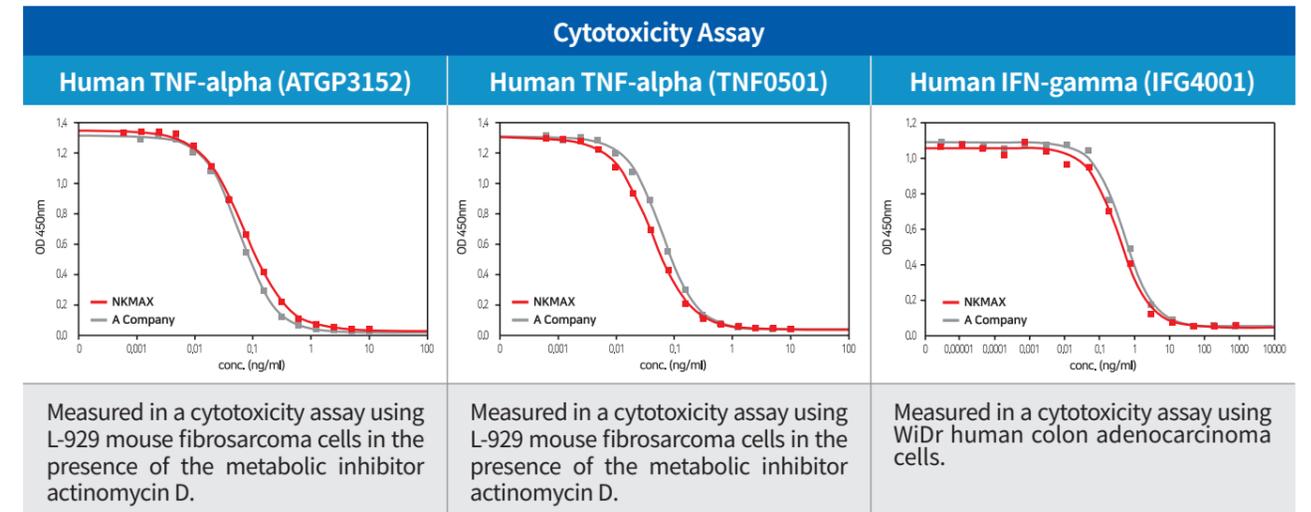
## Recombinant Protein

We provide the recombinant proteins produced through various expression systems such as *E.Coli*, Baculovirus, and mammalian cells.

We are building a large number of major genes of human and mouse and based on this, we have optimized our purification system with thorough QC process to provide high purity of recombinant proteins.

Category	Products
<b>Cytokines</b>	Interleukins, Interferons, Tumor Necrosis Factors, Growth Hormone, EGF, IGF, VEGF, BMPs ... and more
<b>Cancer</b>	NKp46, KIRs, KRAS, PD1, CTLA-4, p53, p21, BID, Bcl2 ... and more
<b>Neuroscience</b>	Synucleins, Tau, Amyloid, GSK-3 beta, 14-3-3 series, Parkin ... and more
<b>Enzymes</b>	Aldose reductase, GPT, GST, GOT, GAPDH, G3PD, PP2C ... and more
<b>Metabolism</b>	ApoA1, Alpha-enolase, CRADD, CA2, DLD, Hexokinase, APRT ... and more
<b>Others</b>	Various proteins such as, Adipocytokine, Heat shock protein, Angiogenesis, Cell biology, etc.

### • High Quality Products



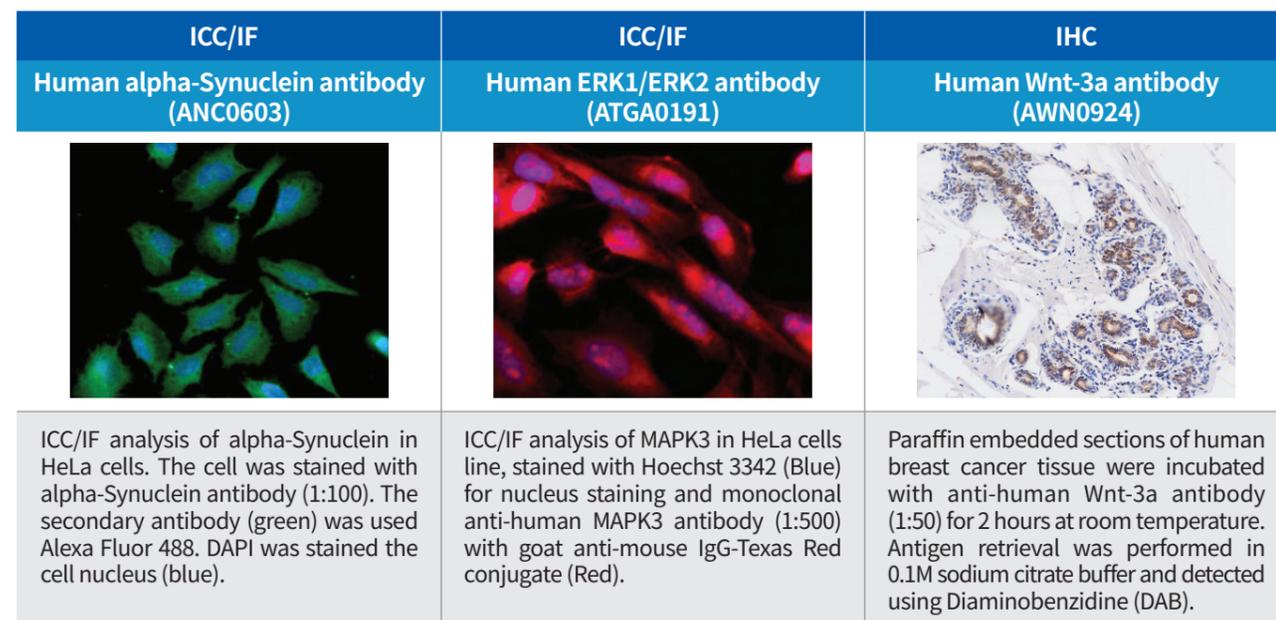
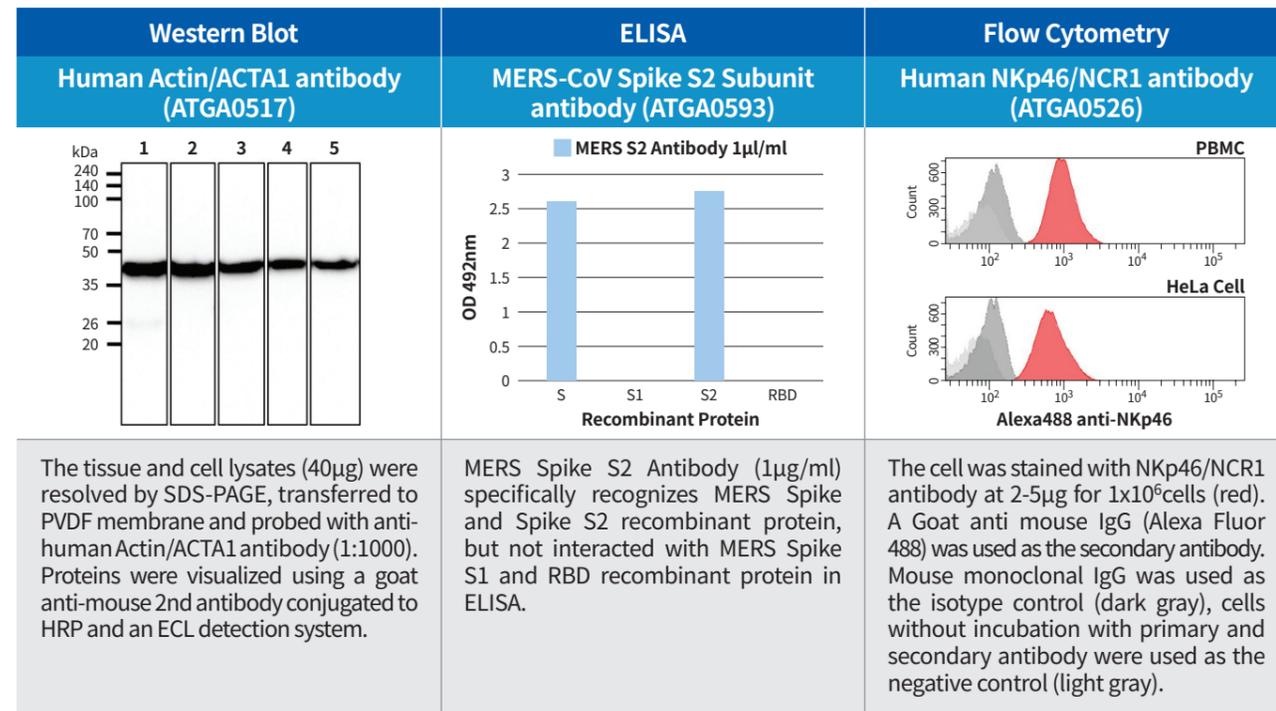
## Monoclonal Antibody

Our monoclonal antibody is distinguished in that it is produced in house with our specialized SP technology, and it has been recognized in overseas markets.

We are developing high quality monoclonal antibody based on the accumulation of research, development know-how, antigen design technology with suitable immune method, high cell fusion success rate, and screening technology.

### • Various Application

Western Blot, ELISA, Flow Cytometry, Immunocytochemistry(ICC), Immunofluorescence(IF), Immunohistochemistry(IHC)



## Custom Service

Based on know-how in commercialization of research reagents, we provide total services for DNA cloning, recombinant protein, and monoclonal antibody production.

### • DNA Cloning Service

NKMAX's DNA cloning service provides subcloning, mutagenesis and gene synthesis services.

Services	Description
Sub cloning ( <i>E.coli</i> )	Sub cloning into one expression vector
Sub cloning (Baculovirus)	Sub cloning into one expression vector
Additional service	Mutagenesis

### • Protein Expression & Purification Service

NKMAX has a great expertise in developing recombinant proteins using various expression systems (i.e., *E.coli*, Baculovirus, Mammalian, etc.). We provide the optimized protein expression and purification services.

#### Baculovirus Expression Full Service

Services	Description
Recombinant virus production, protein expression, and purification	Non-reimbursable setup charge to determine feasibility
	Transfection of insect cell with recombinant bacmid DNA
	Production of P1 stock (Low titer), P2 stock (High titer)
	Insect cell expression, Infection of insect cells with P2 stock (5mL)
	Purification (expression in 200mL media with 1-step purification)

#### *E.coli* Expression Full Service

Services	Description
Expression & Identification of target Protein	Non-reimbursable setup charge to determine solubility and level of difficulty
Purification	1. Purified soluble tagged protein and prices vary according to the expression patterns 2. A denatured form of protein (without using conventional Chromatography techniques) is provided
Additional service	1. QC by WB 2. Endotoxin detection

### • Monoclonal Antibody Service

NKMAX's monoclonal antibodies are produced in hybridoma cell lines derived from the fusion of myeloma cells and antibody-producing B-lymphocytes. We guarantee two positive clones for monoclonal antibodies developed in mouse.

Services	Description
Mouse mAb Production Service	2 hybridoma clones + purified antibody (1 batch)
Mouse mAb Production without purification	1. 2 hybridoma clones 2. Additional hybridoma clones
Protein A/G purification	≥ 0.8 mg of purified antibody
Ascites (not purified)	Ascites of 1~10 mice

**High Quality / High Success rate / Competitive Price / Easy to Communicate**