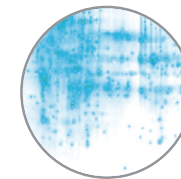
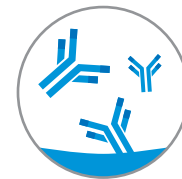


Host Cell Protein(HCP) Antibody, 2D WB or AAE Validation



Immunization

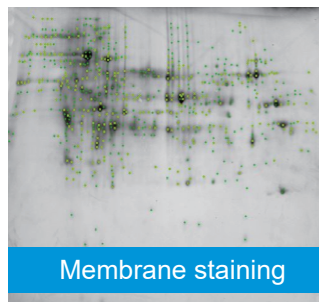
ELISA test

Purification

Validation

Species: Goat

Leadtime: 90 Days for antibody generation, 14 days for 2D WB or AAE validation.



Membrane staining



Blot with HCP Antibody

Proteins detected by 2D gel	671
Proteins detected by WB(Blot with HCP antibody)	608
Proteins detected by the two methods	334
Total proteins	945
Coverage	64%

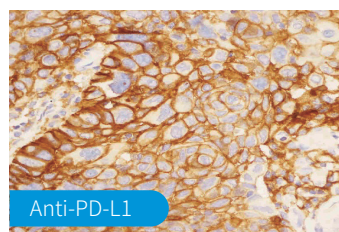
ELISA Kit, IHC Companion Diagnostic Kit, HCP Kit

Species: Mouse, goat **Leadtime:** 200 Days

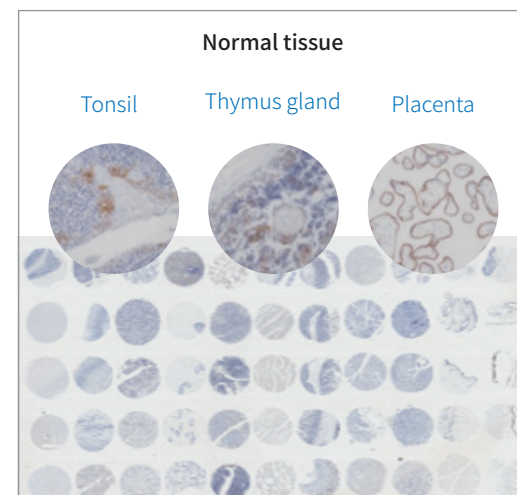
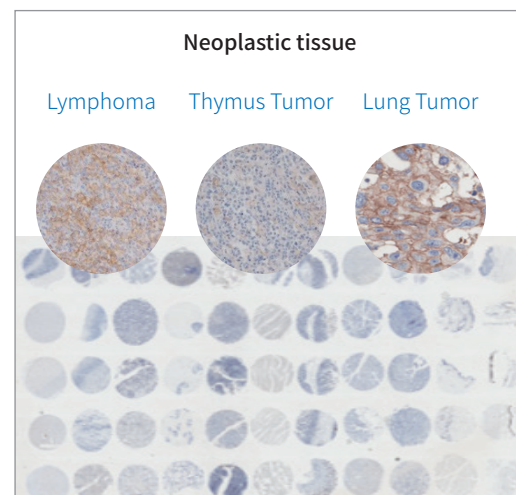
Performance evaluation:
**Specificity, sensitivity,
precision, stability**



PD-L1 IHC kit



Anti-PD-L1



HitS LinkedIn



HitS Website

Business Contact

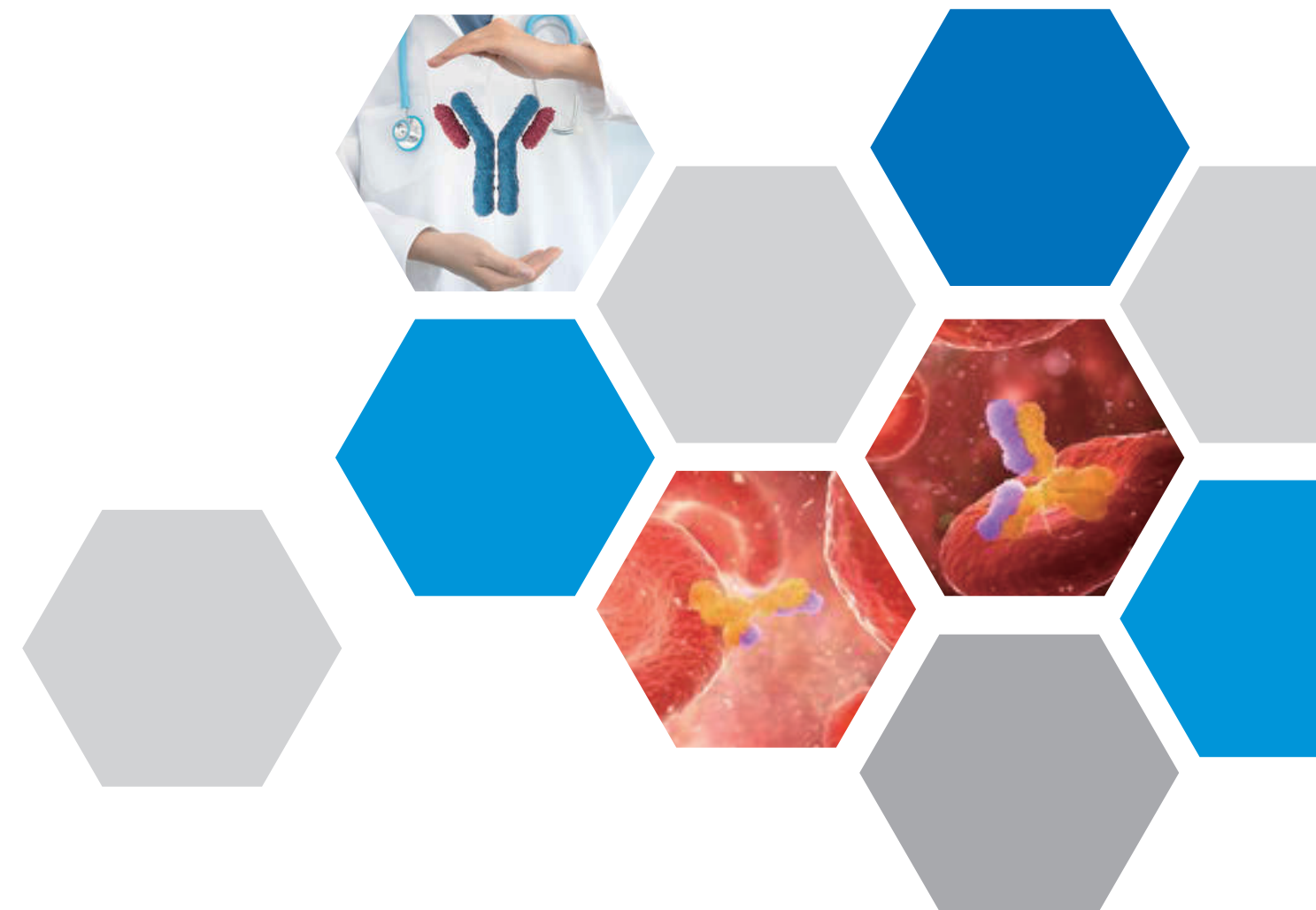
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WuXi AppTec HitS/Integrated Drug Discovery Platform Antibody & Protein Preparation Service



About WuXi AppTec HitS

WuXi AppTec HitS unit provides a one-stop Target-to-Hit services that enable companies in the pharmaceuticals, biotech and academics worldwide to seek premium drug discovery. From Shanghai, Suzhou in China to Munich in Germany, more than 100 senior scientists are dedicated to offer an integrated and cost-effective service of polyclonal antibody and monoclonal antibody including antigen design and preparation, anti-drug antibodies(ADA), host cell protein (HCP)antibodies, surrogate antibodies, diagnostic antibody, and therapeutic antibody hit.

Integrated Drug Discovery Platform Antibody & Protein Preparation Service

Polyclonal Antibody



Species: Mouse, Rat, Guinea pigs, Rabbit, Dog, Pig, Goat, & Monkey
Antigen: Small molecule, Peptide, Protein, Antibody, &Virus
Leadtime: 50 Days

Antibody Development Platform

Peptide

- peptides synthesis
- from mg to gram
- from crude to 99% purity
- Conjugation with carrier protein

Animal Facility

- >30,000 m²
- hosts mouse, rabbit, rat, guinea pig, pig, goat, sheep, dog, monkey, etc.
- AAALAC, OECD, FDA and NMPA certified

Monoclonal Antibodies (mAb)

- Mouse or Rat mAb
- HTP Automatic screening
- Roller bottle and Wave bag culture
- >500 mAbs yearly

Potential Clinical Apps

- Antibody Hits
- Non-GLP production
- Diagnostic reagents and kits

Bioinformatics

Bioinformatics

- Solubility, immunogenicity, epitope analysis
- peptide design
- Plasmid design

Peptide or Protein

Recombinant Proteins

- 3000+ recombinant proteins
- E.coli, yeast, insect cell, mammalian cell

Animal Immunization

pAb or mAb

Characterization & QC

Report & CoA

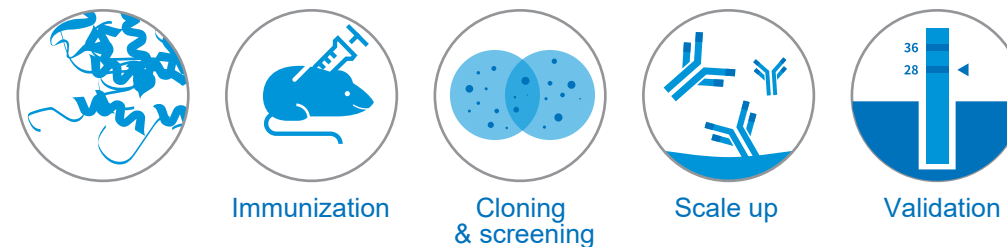
Polyclonal Antibodies (pAb)

- >1,500 pAb yearly
- Custom pAb from gene ID to Ab in 3 months

Characterization

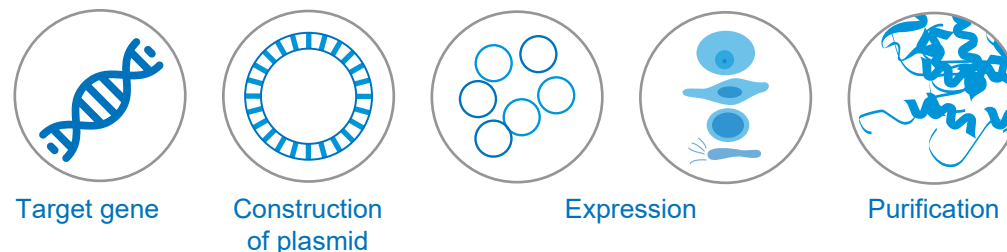
- IHC/ICC & kits
- ELISA & kits
- Western blotting
- Immunoprecipitation
- Confocal IF
- Flow cytometry

Monoclonal Antibody



Species: Mouse & Rat
Antigen: Small molecule, Peptide, Protein, DNA, Virus & Cell
Hybridoma: electronic fusion
Leadtime:100 Days

Recombinant Protein



Species: E. coli, yeast; Insect cells; Mammalian cell (293 or CHO)
Leadtime: 30 Days

Product Catalog Leadtime: 1 week

Antibody Drug		Peptide Drug	Payload	Nucleic Acid Drugs
Anti-Humira	Anti-Actemra	Anti-Exenatide	Anti-MMAE	Anti-ASO
Anti-Avastin	Anti-Keytruda	Anti-GIP	Anti-DM1	Anti-DNA
Anti-Herceptin	Anti-Xgeva	Anti-Liraglutide	Anti-SN-38	
Anti-Erbitux	Anti-Perjeta	Anti-GLP-1	Anti-DXD	
Anti-Remicade	Anti-Lucentis			
Anti-Mabthera	Anti-Eylea			

