

## Anti-CLEC16A Polyclonal Antibody

### Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Pig,Cow)
Molecular Weight:	Theoretical: 118 kDa. Actual: 118 kDa.
Purification:	Protein A purified

### Applications

1. Sample:  
K562 (Human) Cell Lysate at 30 µg  
Siha (Human) Cell Lysate at 30 µg  
U-2OS (Human) Cell Lysate at 30 µg  
U87MG (Human) Cell Lysate at 30 µg  
Primary: Anti-CLEC16A (TMAB-04447) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 118 kD  
Observed band size: 118 kD
2. Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;  
Incubation: Anti-CLEC16A Polyclonal Antibody, Unconjugated (TMAB-04447) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
- Verified Activity: 3. Tissue/cell: human colon carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min;  
Incubation: Anti-CLEC16A Polyclonal Antibody, Unconjugated (TMAB-04447) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
4. Paraformaldehyde-fixed, paraffin embedded (human lung cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CLEC16A) Polyclonal Antibody, Unconjugated (TMAB-04447) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.
5. Sample: k562 (human) Cell Lysate at 40 µg  
Primary: Anti-CLEC16A (TMAB-04447) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 118 kD  
Observed band size: 118 kD

## A DRUG SCREENING EXPERT

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Application: WB,IHC-P,IHC-Fr,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

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### Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: KLH conjugated synthetic peptide: human CLEC16A

Antigen Species: Human

Gene ID: 23274

Uniprot ID: Q2KHT3

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### Research Background

This gene encodes a member of the C-type lectin domain containing family. Single nucleotide polymorphisms in introns of this gene have been associated with diabetes mellitus, multiple sclerosis and rheumatoid arthritis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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