

## Anti-CLEC10A Antibody (6H404)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	6H404
Purification:	Protein A

### Applications

Application:	ELISA
Recommended	ELISA: 1:5000-1:10000

### 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. Preservative-Free.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: Mouse CLEC10A / MGL1 / CD301 Protein (TMPY-02405)
Antigen Species:	Mouse
Synonyms:	HML;CD301;C-type lectin domain family 10, member A;MGL;CLECSF13;HML2;CLECSF14

### Research Background

CLEC10A, also known as the macrophage galactose-type calcium-type lectins (MGLs; CD301) constitute a unique class of C-type lectins because of their specificity for galactose and its structural homologues. MGLs/CD301 is a type II transmembrane glycoproteins and is expressed on macrophages and related cells of myeloid origins, particularly immature dendritic cells (DCs). There are 2 homologues: MGL1 and MGL2 (CD301a and CD301b) in mice. MGL1/CD301a induces both the production and secretion of interleukin (IL)-10. MGL1/CD301a plays a protective role against colitis by effectively inducing IL-10 production by colonic lamina propria macrophages in response to invading commensal bacteria.

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

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