For Research Use Only

CoraLite®594 Anti-Human CLEC10A/CD301 Rabbit Recombinant Antibody

Catalog Number:CL594-98245

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
CL594-98245

Concentration:
100tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC039011

GeneID (NCBI):
10462

UNIPROT ID:
Q8IUN9

Full Name:
C-type lectin domain family 10, member A

Calculated MW:
316 aa, 35 kDa

Purification Method:
Protein A purification

CloneNo.:
241857C11

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

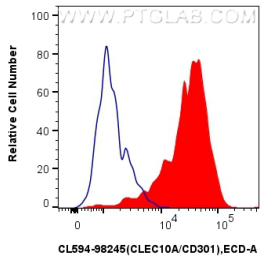
C-type lectin domain family 10 member A (CLEC10A), also known as CD301, macrophage galactose-type C-type lectin (MGL), DC-asialoglyco protein receptor (DC-ASGP-R) or human macrophage lectin (HML), is a type II transmembrane glycoprotein having a calcium-dependent carbohydrate recognition domain (PMID: 8598452; 11919201; 11698450). CLEC10A is expressed exclusively by myeloid professional antigen-presenting cells such as immature dendritic cells (DCs) and alternatively activated macrophages (PMID: 16998493). CLEC10A is a marker for human CD1c+ DCs (cDC2) (PMID: 29755453). It functions as an endocytic receptor for glycosylated antigens (PMID: 11919201).

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



1x10^6 FC receptor blocked Human immature monocyte-derived dendritic cells were surface stained with 5 ul CoraLite®594 Anti-Human CLEC10A/CD301 Rabbit RecAb (CL594-98245, Clone:241857C11) (red), or CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). Cells were not fixed.