

30-1475: Anti-CD205 Monoclonal Antibody (Clone:HD30)

Clonality :	Monoclonal
Clone Name :	HD30
Application :	FACS
Reactivity :	Human
Gene :	LY75
Gene ID :	4065
Uniprot ID :	O60449
Format :	Purified
Alternative Name :	LY75,CD205,CLEC13B
Isotype :	Mouse IgG1
Immunogen Information :	Recombinant Fc-tagged human CD205

Description

CD205, also known as DEC-205, is an endocytic receptor of macrophage mannose receptor family. This 205 kDa C-type lectin transmembrane protein mediates adsorptive uptake and its intracellular domain contains coated pit localization sequence and distal acidic motif, which is required for recycling beyond early endosomes through deeper MHC II+ late endosomes and lysosomes. This unique pathway of receptor-mediated uptake proves to be necessary for presentation of antigenic peptides at low doses of ligand. CD205 is responsible for uptake and processing of captured antigens for dendritic cells.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Western Blotting *Application note:* only non-denatured samples
Immunohistochemistry (frozen sections)