

Product Datasheet

Anti-Hu CD205 APC GRP13272

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.
Reactivity	Human
Tested Applications	FC
Immunogen	Recombinant Fc-tagged human CD205
Form/Appearance	APC
Preservatives	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Storage	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.
Note	For research use only.
Isotype	Mouse IgG1 kappa
Clone ID	HD30
Uniprot ID	O60449
NCBI	4065