

Anti-CD90 Reference Antibody (Immunome patent anti-EPN1)

Catalog # APR11487

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q9Y6I3
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	60293

Additional Information

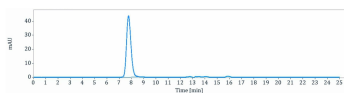
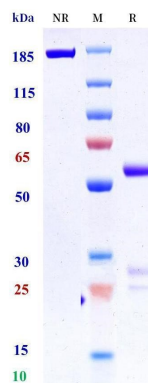
Target/Specificity	EPN1
Expression system	CHO

Protein Information

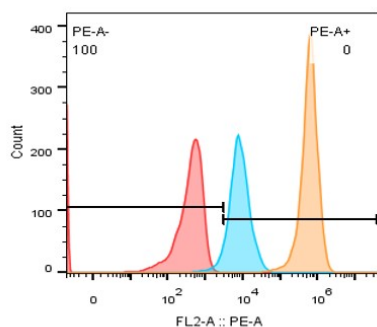
Name	EPN1
Function	Binds to membranes enriched in phosphatidylinositol 4,5- bisphosphate (PtdIns(4,5)P2). Modifies membrane curvature and facilitates the formation of clathrin-coated invaginations (By similarity). Regulates receptor-mediated endocytosis (PubMed: 10393179 , PubMed: 10557078).
Cellular Location	Cytoplasm. Cell membrane; Peripheral membrane protein. Nucleus. Membrane, clathrin-coated pit Note=Associated with the cytoplasmic membrane at sites where clathrin- coated pits are forming. Colocalizes with clathrin and AP-2 in a punctate pattern on the plasma membrane. Detected in presynaptic nerve terminals and in Golgi stacks. May shuttle to the nucleus when associated with ZBTB16/ZNF145 (By similarity).

Images

Anti-EPN1 Reference Antibody (Immunome patent anti-EPN1) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-CD90 Reference Antibody (Immunome patent anti-EPN1) is 100%, determined by SEC-HPLC.



HT-29 cells were stained with Immunome patent anti-EPN1 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 254.5 nM.

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