

CD155 Recombinant Mouse mAb

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Catalog # AP94232

Product Information

Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG1, Kappa
Purity	affinity purified by Protein G
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Isoform Alpha: Cell membrane; Single-pass type I membrane protein. Isoform Delta: Cell membrane; Single-pass type I membrane protein. Isoform Beta: Secreted. Isoform Gamma: Secreted.
SIMILARITY	Belongs to the nectin family. Contains 2 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
SUBUNIT	Can form trans-heterodimers with PVRL3/nectin-3. The extracellular domain interacts with VTN, CD226 and CD96. The cytoplasmic domain interacts with DYNLT1. Interacts with HHV-5 UL141. Interacts with poliovirus capsid composed of VP1, VP2 and VP3, mainly through VP3. Binds with high affinity to TIGIT.
Post-translational modifications	N-glycosylated. N-glycan at Asn-120: Hex5HexNAc4.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. The external domain mediates cell attachment to the extracellular matrix molecule vitronectin, while its intracellular domain interacts with the dynein light chain Tctex-1/DYNLT1. The gene is specific to the primate lineage, and serves as a cellular receptor for poliovirus in the first step of poliovirus replication. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

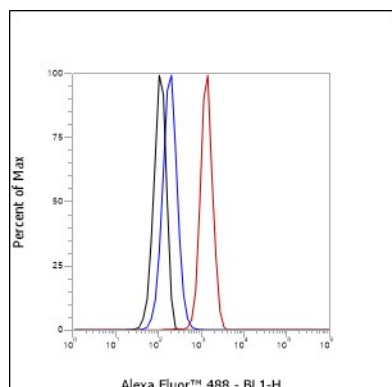
Additional Information

Dilution	Flow-Cyt=1:50-1:100
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images



Cell line: THP-1 Fixative: Unfixed Permeabilization: None
Primary Ab dilution: 1:100 Secondary Ab: Goat anti
Mouse IgG Unlabelled control: The cell without
incubation with primary antibody and secondary
antibody (Black line). Isotype control: Mouse monoclonal
IgG1 (Blue line). Comment: Line red is the positive signal
for AP94232

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.