

Anti-human CD63 VHH (clone E-B8)**Properties**

Product type:	VHH
Catalog number:	C-001
Clone number:	E-B8
Immunogen:	Purified extracellular domain of recombinant human CD63
Reacts with:	Human CD63
Tested applications:	ELISA, Flow Cytometry (FC)
Source:	Recombinant monoclonal VHH (<i>Llama glama</i>), purified from HEK293-E 253 cells using affinity chromatography
Clonality:	Monoclonal
Purity:	rmp-Protein A purification and Ion Exchange Chromatography, >98%
Storage buffer:	PBS
Form:	Liquid
Concentration:	1.7 mg/ml
Storage:	Store at -80°C

Products

Cat. No.	Target	Clone	Form	Applications	Size
C-001	Human CD63	E-B8	Purified	ELISA, FC	250 µg

Description

CD63 (melanoma-associated antigen, ME491) is a tetraspanin and a member of the transmembrane 4 superfamily. It is a cell surface-associated protein characterized by four transmembrane domains. As a tetraspanin, CD63 forms networks with a variety of proteins, called tetraspanin-enriched microdomains (TEMs). It is localized in different membranes of the cell, including the cell membrane and membranes of lysosomes and granules, including the platelet dense granules and the Weibel-Palade bodies of endothelial cells. The complex localization pattern suggests a tightly regulated trafficking and distribution process. CD63 is often used as a platelet activation marker, as cell surface expression increases due to platelet granule secretion after platelet activation.

Use, storage and stability

Anti-human CD63 (E-B8) VHH is suitable for use in ELISA and flow cytometry studies.

E-B8 targets a different amino acid sequence in CD63 than anti-human CD63 VHH, clone E-H9 (Cat No. C-002).

After thawing, E-B8 should be stored in appropriate small aliquots at -20°C or -80°C or at 4°C for short time storage.

References

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