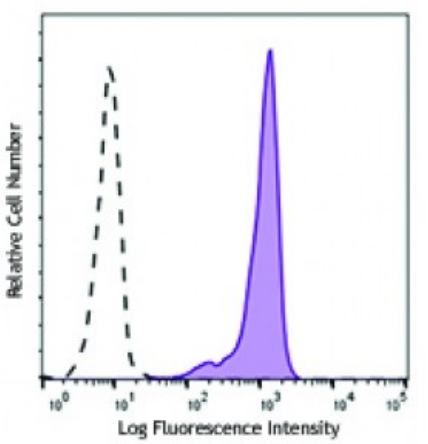
SONY

Product Data Sheet

Purified anti-human CD92

Catalog # / Size:	2457010 / 100 µg
Clone:	VIM15b
Isotype:	Mouse IgG2b, κ
Immunogen:	MV4-11
Reactivity:	Human
Preparation:	The antibody was purified by affinity chromatography.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.5



Human peripheral blood monocytes were stained with purified CD92 (clone VIM15b, filled histogram) or mouse IgG2b, κ isotype control (open histogram), followed by anti-mouse IgG PE.

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤0.5 microg per million cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.
Application References:	1. Wille S, *et al.* 2001. *J. Immunol.* 167:5795.

Description:	CD92, also known as CDW92 and CTL1, is a 70kD choline transporter-like transmembrane protein. CD92 is important for transport of choline across the membrane for synthesis of cell membrane components and the neurotransmitter, acetylcholine. CD92 is primarily expressed on monocytes and neutrophils, but can also be found on other myeloid and T-cell subsets. Ionomycin or calcium ionophore mediates the maturation of monocytic dendritic cells causing down-regulation of CD92 but treatment with IL-10 causes re-expression.
Antigen References:	1. Schenkel LC, *et al.* 2015. *FASEB J.* 29:1663. 2. Yamada T, *et al.* 2011. *Neurochem. Int.* 58:354. 3. Fullerton MD, *et al.* 2006. *Am. J. Physiol. Cell Physiol.* 290:C1230.

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