

Product Data Sheet

LEAF™ Purified anti-human CD96 (TACTILE)

Catalog # / Size: 338404 / 500 µg

Clone: NK92.39

Isotype: Mouse IgG1, κ

Reactivity: Human

Preparation: The LEAF™ (Low Endotoxin, Azide-Free) antibody was purified by affinity chromatography.

Formulation: 0.2 µm filtered in phosphate-buffered solution, pH 7.2, containing no preservative. Endotoxin level is <0.1 EU/µg of the protein (<0.01 ng/µg of the protein) as determined by the LAL test.

Concentration: 1.0 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C. This LEAF™ solution contains no preservative; handle under aseptic conditions.

Applications:

Applications: FC - *Quality tested*
FA - *Reported in the literature*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, it is recommended to use at ≤ 2.0 µg per 10⁶ cells in 100 µl volume or 100 µl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional reported applications include: block interaction of CD96 with PVR

Application References: 1. Fuchs A, *et al.* 2004. *J. Immunol.* 172:3994

Description: CD96, known as Tactile (T cell-activated increased late expression), is a 160 kD type I transmembrane glycoprotein and is a member of the Ig superfamily molecules. It is expression on NK cells, T cells (up-regulated upon activation), and some acute myeloid leukemia (AML) cells, but not on normal B and myeloid cells. Soluble form of CD96 has been found in serum. CD96 is involved in T- and NK-cell adhesion through interaction with its ligand, CD155 (polio virus receptor).

Antigen References: 1. Zola H, *et al.* 2007. *Leukocyte and Stromal Cell Molecules: The CD Markers*. A John Wiley & Sons Inc, Publication
2. Hosen N, *et al.* 2007. *Proc. Natl. Acad. Sci. USA* 104:11008
3. Gong J, *et al.* 2008. *Clin. Exp. Immunol.*

Related Products:

Product
LEAF™ Purified Mouse IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)

Clone
MOPC-21

Application
FC, ICFC, WB, IP, ICC, IF, FA
FC, ICC, ICFC
FC, ICFC



For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.



*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, www.biollegend.com/ordering#license). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.