www.antibodiesinc.com
orders@antibodiesinc.com
530-758-4400

PRODUCT DATASHEET

Anti-CD99 (Extracellular region) Antibody

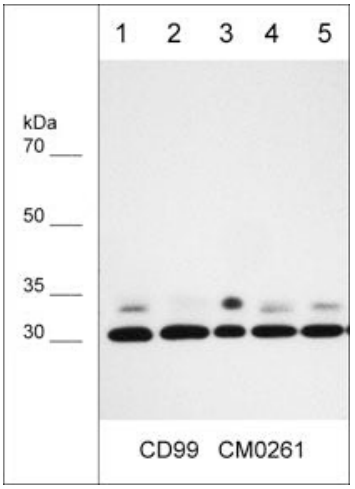
phosphosolutions ANTIBODIES THAT WORK

Product Details

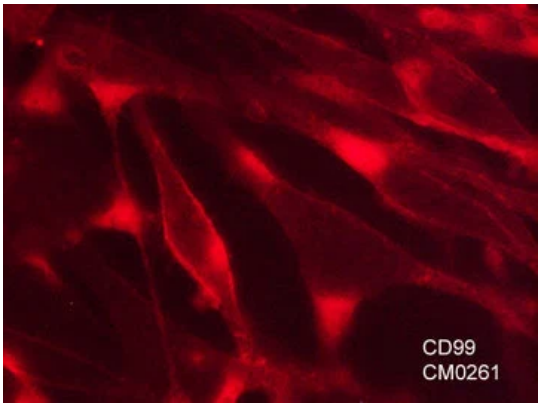
Available Variants	100 µL (SKU:CM0261)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M026
Gene Name	CD99
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100 IP: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Clone M026 was generated from a proprietary antigen related to the extracellular region of human CD99 expressed in the MeWo melanoma cell line.
Specificity	Clone M026 detects 30 and 32 kDa* bands corresponding to the molecular mass of the short and long forms of CD99 on SDS-PAGE immunoblots of human A431, LNCaP, MDA-MB-231, A549, and MeWo cell lysates, as well as mouse LL2 lung carcinoma. The antibody can be used for multiple applications including ELISA, western blot, immunocytochemistry, and immunoprecipitation. In addition, the antibody labels live, unfixed MeWo cells.
Molecular Weight	30-32

Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	P14209 UniProt Summary: Involved in T-cell adhesion processes and in spontaneous rosette formation with erythrocytes. Plays a role in a late step of leukocyte extravasation helping leukocytes to overcome the endothelial basement membrane. Acts at the same site as, but independently of, PECAM1. Involved in T-cell adhesion processes.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
NCBI Gene ID	4267

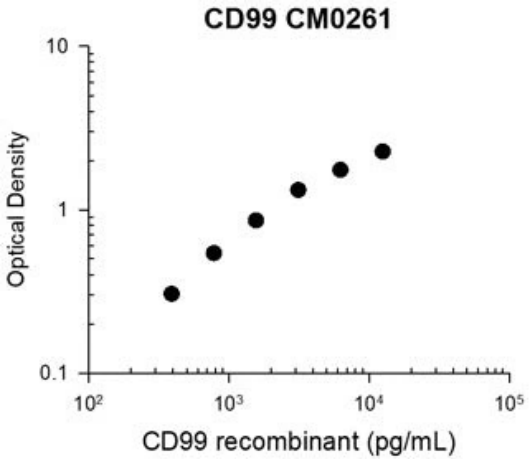
Product Images



Western blot analysis of human cell lysates: A549 (lane 1), A431 (lane 2), LNCaP (lane 3), MDA-MB-231 (lane 4) and MeWo (lane 5). The blot was probed with mouse monoclonal anti-CD99 (CM0261) at 1:1000.



Immunocytochemical labeling of CD99 in paraformaldehyde fixed human MeWo cells. The cells were labeled with mouse monoclonal anti-CD99 (clone M026). The antibody was detected using goat anti-mouse DyLight® 594.



Representative Standard Curve using mouse monoclonal anti-CD99 (CM0261) for ELISA capture of human recombinant CD99 extracellular region with His-tag. Capture was detected by using an anti-His-tag antibody followed by appropriate secondary antibody conjugated to HRP.