Ceramide monoclonal antibody (MID 15B4)
ALX-804-196

Product Number/Sizes
ALX-804-196-T050 50 tests

Product Specifications
CLONE: MID 15B4
HOST: Mouse
ISOTYPE: IgM
IMMUNOGEN: Ceramide (sphingosine-[trans-D-erythro-2-amino-4-octadecene-1,3-diol]) conjugated to BSA.
SOURCE: Purified from ascites by gel filtration on sephacyrl S-300.
SPECIES REACTIVITY: Species independent
SPECIFICITY: Recognizes C16- and C24-ceramide, dihydroceramide, sphingomyelin and phosphatidylcholine in highly artificial lipid overlay test systems. Under more physiological in vitro and in vivo conditions highly specific for ceramide and does not cross-react with sphingomyelin, cholesterol or other phospholipids.
APPLICATIONS: ELISA, Flow Cytometry, ICC, IHC (PS)
RECOMMENDED DILUTIONS/CONDITIONS: ELISA (1:10)
Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each application.
QUANTITY: 1ml (50 tests). Suggested amount: 20µl/test.
FORMULATION: Liquid. In PBS, pH 7.2, containing 0.5M sodium chloride, 0.1% BSA and 0.09% sodium azide.
SHIPPING: Shipped on Blue Ice
LONG TERM STORAGE: +4°C

Product Literature References
Galectin-1 is a local but not systemic immunomodulatory factor in mesenchymal stromal cells R. Fajka-Boja, et al. Cytotherapy 18 360 (2016)
Inhibition of SREBP1 sensitizes cells to death ligands Y. Eberhard, et al. Oncotarget 2 186 (2011)
Ceramide inhibits the potassium channel Kv1.3 by the formation of membrane platforms J. Bock, et al. BBRC 305 890 (2003)
Clustering of CD40 ligand is required to form a functional contact with CD40 H. Grassme, et al. J. Biol. Chem. 277 30289 (2002)

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