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## Product Datasheet

### **Anti-Sphingosine Kinase 2 (N-terminal region) Antibody, IgG1, Clone: [M532], Mouse, Monoclonal ABT-AN1971**

Article Name	Anti-Sphingosine Kinase 2 (N-terminal region) Antibody, IgG1, Clone: [M532], Mouse, Monoclonal
Biozol Catalog Number	ABT-AN1971
Supplier Catalog Number	AN1971
Alternative Catalog Number	ABT-AN1971-100UL
Manufacturer	Abcepta
Host	Mouse
Category	Antikörper
Product Description	Sphingolipids are metabolized into bioactive products that include ceramide, sphingosine, and sphingosine-1-phosphate (S1P). Sphingosine Kinase (SK) catalyzes the phosphorylation of the lipid sphingosine, creating S1P. S1P subsequently signals through various G protein-coupled receptors (GPCRs) to regulate cellular processes such as proliferation, differentiation, and migration. ABT-AN1971 is a monoclonal antibody that recognizes the N-terminal region of Sphingosine Kinase 2 (SK2), which is highly conserved across different species. It can be used for immunohistochemistry (IHC) to detect SK2 in tissue sections, Western blotting (WB) to detect SK2 protein levels, and flow cytometry (FC) to analyze SK2 expression in cells. The antibody is suitable for use in both fixed and permeabilized cells. It is recommended to use a dilution of 1:100-1:200 for IHC and WB, and 1:100 for FC. The antibody is supplied in a liquid format and should be stored at -20°C. It is not recommended for use in humans.
Clonality	Monoclonal
Clone Designation	[M532]
Molecular Weight	69217
Isotype	IgG1
NCBI	<a href="#">56848</a>
UniProt	<a href="#">Q9NRA0</a>