

**Product Name: SPHK1 Rabbit Monoclonal Antibody****Catalog #: AMRe83974**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,FC 1:20-1:100
<b>Molecular Weight</b>	Calculated MW: 43 kDa ; Observed MW: 51 kDa

**Antigen Information**

<b>Gene Name</b>	SPHK1
<b>Alternative Names</b>	SK1; Sphingosine kinase 1; SPHK; Sphk1; SPK;;SK 1
<b>Gene ID</b>	
<b>SwissProt ID</b>	Q9NYA1
<b>Immunogen</b>	A synthesized peptide derived from human SK 1

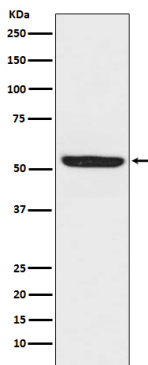
**Background**

Catalyzes the phosphorylation of sphingosine to form sphingosine 1-phosphate (SPP), a lipid mediator with both intra- and extracellular functions. Also acts on D-erythro-sphingosine and to a lesser extent sphinganine, but not other lipids, such as D,L-

threo-dihydrosphingosine, N,N-dimethylsphingosine, diacylglycerol, ceramide, or phosphatidylinositol.

## Research Area

## Image Data



Western blot analysis of SPHK1 expression in Raji cell lysate.