



## Sphingosine Kinase 1 Blocking Peptide Blocking Peptide

**CAT. No.**  
X1632B  
**Size**  
50  $\mu$ g

**CONCENTRATION**

1 mg/ml

**APPLICATIONS**

Antibody function blocking

**COMMENTS**

For use with Sphingosine Kinase 1 polyclonal antibody (Cat. No. X1627P).

**FORMULATION**

Provided in solution at 1 mg/ml in phosphate buffered saline.

**STORAGE CUSTOMER**

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

**STABILITY**

Products are stable for one year from purchase when stored properly

**USE**

Incubate antibody neat with at least a 50 fold stoichiometric excess of blocking peptide at 37 deg C for 20 minutes (molecular weights of peptide and antibody are ~2.5 kDa and ~160 kDa, respectively). Antibody can then be diluted to a concentration suitable for Western blot.

Example: 10  $\mu$ l or 10  $\mu$ g of Exalpha's rabbit anti-Sphingosine Kinase 1 (Cat. No. X1627P) is added to 10  $\mu$ g of blocking peptide for a total volume of 20  $\mu$ l. The mixture is allowed to incubate for 20 minutes at 37 deg C prior to dilution in suitable buffer (for Western blot, etc.).