



## Sphingosine Kinase 1, Long Form, Rat Blocking Peptide

**CAT. No.**  
X1875B  
**Size**  
50  $\mu$ g

**CONCENTRATION**

1 mg/ml

**APPLICATIONS**

Antibody function blocking

**COMMENTS**

Blocking peptide for use with rat Sphingosine kinase 1, long form antibodies (X1848P & X2038P).

**FORMULATION**

Provided as solution in phosphate buffered saline with 0.08% sodium azide

**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 Exalpa's rabbit anti-rat Sphingosine Kinase 1, Long Form (Cat. No. X1848P or X2038P) 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.).