

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Semaphorin 6B in direct ELISAs and Western blots. In direct ELISAs, approximately 40% cross-reactivity with recombinant human (rh) Semaphorin 6B is observed and no cross-reactivity with rhSemaphorin 3A, recombinant mouse Semap
Source	Monoclonal Rat IgG ₁ Clone # 256537
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Semaphorin 6B Leu27-Ser605 (predicted) Accession # O54951
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Semaphorin 6B is a type I transmembrane protein belonging to the Semaphorin family. It is highly expressed in human brain and is expressed at lower levels in other tissues. A splice variant of Semaphorin 6B encodes a secreted protein.

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