

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human SDNSF/MCFD2 in direct ELISAs and Western blots. In direct ELISAs, approximately 25% cross-reactivity with recombinant mouse SDNSF is observed. In Western blots, no cross-reactivity with recombinant mouse SDNSF is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 294301
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human SDNSF/MCFD2 Glu27-Gln146 Accession # Q8NI22
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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.
Immunohistochemistry	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

SDNSF, also known as MCFD2 (Multiple Coagulation Factor Deficiency 2), was first identified as a secreted molecule that functions as an autocrine/paracrine factor to maintain neurogenesis in the central nervous system. It is also a component of a complex that transports proteins from the ER to the Golgi.

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