

DESCRIPTION

Species Reactivity	Human/Mouse/Rat
Specificity	Detects human, mouse, and rat FRS2 in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 462910
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human FRS2 Asn121-Asn449 Accession # Q8WU20
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.

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

FRS2 (FGF R substrate 2; also known as SNT and FRS2α) is a 70-90 kDa member of the FRS family of lipid-anchored docking proteins. It is an intermediary between FGF R and other RTK receptors and their Ras/MAPK signaling cascades. FRS2 contains a membrane-anchoring myristoylation signal (aa 1-6), a PTB domain (aa 13-115) that interacts with FGF and NGF receptors, and a C-terminal Tyr-rich region (aa 196-471) that serves as a docking site for GRB-2 and SHP-2.

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