

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Sulfatase Modifying Factor 2/SUMF2 in direct ELISAs and Western blots. No cross-reactivity with recombinant human SUMF1 or recombinant mouse SUMF2 is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 330312
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Sulfatase Modifying Factor 2/SUMF2 Gln26-Leu301 Accession # Q8NBJ7
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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.
Immunoprecipitation	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

Also known as the paralog of C-α-formylglycine-generating enzyme/SUMF1, SUMF2 may compete with SUMF1 for the same sulfatase, but it does not act as C-α-formylglycine-generating enzyme. The amino acid sequence of recombinant human SUMF2 is 90%, 88%, 86% and 85% identical to that of bovine, canine, rat, and mouse.

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