

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human DISP1 in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human (rh) DISP2 or rhSMAGP is observed.
Source	Monoclonal Mouse IgG _{2B} Clone # 768213
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human DISP1 Glu212-Lys492 and Ser746-Thr984 Accession # Q96F81
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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.

Immunocytochemistry 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

DISP1 is a multspan (12) transmembrane protein with cytoplasmic N- and C-terminal tails. It contains a sterol/sensing domain (SSD) and has been shown to play a role in regulating the release of cholesterol-modified SHH. Within the regions used for immunization, human and mouse DISP1 share 93% amino acid sequence homology.

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