

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human GRASP2 in direct ELISAs.
Source	Monoclonal Mouse IgG _{2B} Clone # 698742
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human GPRASP2 Gly47-Asp371 Accession # Q96D09
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.

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

GPRASP2 (G-protein coupled receptor-associated sorting protein 2), also called GASP-2, is a ~94 kDa cytosolic protein of the GPRASP family of receptor sorting proteins. Genes for this family are clustered on the X chromosome. Like GPRASP1, GPRASP2 binds the C-terminal cytoplasmic region of G-protein coupled receptors such as the muscarinic receptor M1 (CHRM1) and the calcitonin receptor (CALCR). It has also been shown to interact with the Huntingtin protein. Over the region used as an immunogen, GPRASP2 shares 68% and 72% with mouse and rat GPRASP2, respectively.

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