

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Kremen-1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse Kremen-1 or recombinant human Kremen-2 is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 301324
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Kremen-1 Ala20-Gly397 Accession # NP_114434
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.

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

Kremen-1 is a type I transmembrane protein that contains extracellular Kringle, WSC, and CUB domains. It is expressed in diverse embryonic and adult tissues. Kremen proteins bind the secreted Dickkopf proteins Dkk-1, -2, and -4 with high affinity to antagonize the canonical Wnt signaling pathway.

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