

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Dkk-1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, this antibody shows approximately 50% cross-reactivity with recombinant mouse (rm) Dkk-1 and no cross-reactivity with rmDkk-2, rhDkk-3, or rhDkk-4.
Source	Monoclonal Mouse IgG ₁ Clone # 141119
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human Dkk-1 Thr32-His266 Accession # O94907
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 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

Dkk-1 is a Dickkopf-related protein that inhibits Wnt signaling by binding the Wnt co-receptor LRP5/6. It also binds Kremen-1 and Kremen-2. Dkk-1 is important in embryonic development.

PRODUCT SPECIFIC NOTICES

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