

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FAM3D in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) FAM3A, rhFAM3B, rhFAM3C, or recombinant mouse FAM3D is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 358203
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human FAM3D Trp39-Phe224 Accession # Q96BQ1
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

Family with sequence similarity 3, member D (FAM3D), also known as EF-7, belongs to the novel cytokine-like family whose members are secreted four-helix bundle proteins. Human FAM3D is abundantly expressed in placenta as a 224 amino acid (aa) residue precursor with a 25 aa signal sequence. The aa sequence of mature human FAM3D is 74% identical to that of mouse FAM3D.

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