

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
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	Recombinant Human FAM3D

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.