

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FAM3A in direct ELISAs and Western blots. In direct ELISAs and Western blots, 100% cross-reactivity with recombinant mouse FAM3A is observed and no cross-reactivity with recombinant human (rh) FAM3B, rhFAM3C, or rhFAM3D is observed
Source	Monoclonal Mouse IgG _{2B} Clone # 358112
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human FAM3A Phe34-Ser230 Accession # P98173
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

FAM3A, (Family with sequence similarity 3, member A) also known as "2-19" is a member of a short-chain four α-helical bundle cytokine family. It is a 22 kDa probable glycoprotein expressed in vascular endothelium and pancreatic duct epithelium. It is synthesized as a 230 amino acid (aa) precursor that contains a 33 aa signal sequence and a 197 aa mature region. Mature human FAM3A is approximately 93% aa identical to mature mouse and rat FAM3A.

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