

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse FAM3C in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse FAM3A, 3B, or 3D is observed.
Source	Monoclonal Rat IgG _{2B} Clone # 372018
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse FAM3C Gln25-Asp227 Accession # Q91VU0
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

FAM3C, also known as D6WSU176e, is a secreted protein belonging to a cytokine-like family. Members of this family share a four helix bundle secondary structure similar to that found in many cytokines. FAM3C is ubiquitously expressed on multiple tissues. The human FAM3C gene has been identified to be a candidate gene for autosomal recessive non-syndromic hearing loss locus 17. The amino acid sequence of mature mouse FAM3C is 97% and 94% identical to that of rat and human FAM3C, respectively.

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