Mouse FAM3C Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF2868G
100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse FAM3C in direct ELISAs and Western blots. In Western blots, approximately 50% cross-reactivity with recombinant human FAM3C is observed and less than 5% cross-reactivity with recombinant mouse (rm) FAM3B and rmFAM3D is observe
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse FAM3C Gln25-Asp227 Accession # Q91VU0
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and 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.

DATA

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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