

Anti-FAM3A antibody

Cat. No.	ml221099
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-FAM3A rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human FAM3A
Reactivity	Human, Mouse
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	FAM3A
Full name	family with sequence similarity 3, member A

Synonyms DLD, 2.19, XAP-7, DXS560S

Swissprot P98173

Target Background

A novel cytokine-like gene family using structure-based methods to search for novel four-helix-bundle cytokines in genomics databases. There are four genes in this family, FAM3A, FAM3B, FAM3C, and FAM3D, each encoding a protein (224-235 amino acids) with a hydrophobic leader sequence. Northern analysis indicates that FAM3B is highly expressed in pancreas, FAM3D in placenta, and FAM3A and FAM3C in almost all tissues. Immunohistochemistry showed that FAM3A is expressed prominently in the vascular endothelium, particularly capillaries. Fam3a staining in capillary endothelium and endocardium of heart, as well as vascular endothelial staining in many other tissues.

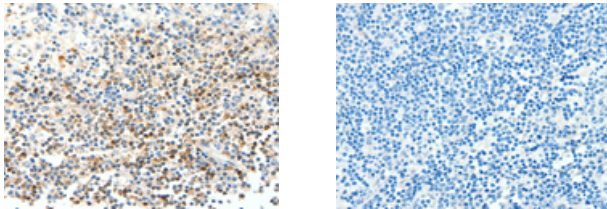
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml221099(FAM3A Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 25 kDa

Positive control: Human fetal brain tissue

Recommended dilution: 200-1000

Gel: 12%SDS-PAGE

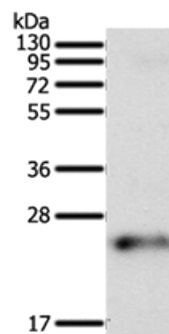
Lysate: 50 μ g

Lane: Human fetal brain tissue

Primary antibody: ml221099(FAM3A Antibody) at dilution 1/200

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 minutes



ELISA

Recommended dilution: 1000-5000

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