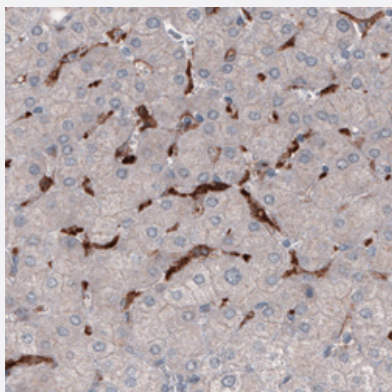


FCGRT monoclonal antibody, clone CL3638

Catalog # MAB15812 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with FCGRT monoclonal antibody, clone CL3638 (Cat # MAB15812) shows strong immunoreactivity in Kupffer cells.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FCGRT.
Immunogen	Recombinant protein corresponding to human FCGRT.
Epitope	This antibody binds to an epitope located within the peptide sequence RLREHLERGRGNLEW as determined by overlapping synthetic peptides.
Sequence	LTFLLFSCPHRLREHLERGRGNLEWKEPPSMRLKARPSSPGFSVLTCSAFSFYPPELQLRFLRNGLAAGTGQGDFGPNSDGSFHASSSLTVKSGDEHHYCCIVQHAGLAQPLRVELESPAKS
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG2a

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human liver with FCGRT monoclonal antibody, clone CL3638 (Cat # MAB15812) shows strong immunoreactivity in Kupffer cells.

Gene Info — FCGRT

Entrez GeneID	2217
Protein Accession#	P55899
Gene Name	FCGRT
Gene Alias	FCRN, alpha-chain
Gene Description	Fc fragment of IgG, receptor, transporter, alpha
Omim ID	601437
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	FcRn alpha chain IgG Gc receptor neonatal Fc-receptor

Disease

- [Birth Weight](#)

- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Lupus Nephritis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)