

ABCB4 Antibody

Catalog No: #47505

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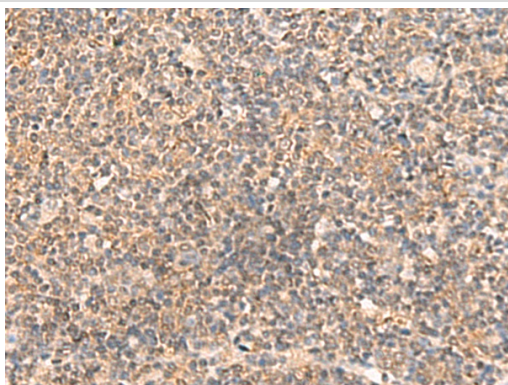
Description

Product Name	ABCB4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ABCB4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human ABCB4
Target Name	ABCB4
Other Names	GBD1; ICP3; MDR2; MDR3; PGY3; ABC21; MDR2/3; PFIC-3
Accession No.	Swiss-Prot#:P21439NCBI Gene ID:5244Gene Accssion:NP_000434
Uniprot	P21439
GeneID	5244;
Concentration	1.2
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

IHC dilution:1: 40-200

Images



The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using 47505(ABCB4 Antibody) at dilution 1/40.(Original magnification: 200)

Background

The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This gene encodes a full transporter and member of the p-glycoprotein family of membrane

proteins with phosphatidylcholine as its substrate. The function of this protein has not yet been determined; however, it may involve transport of phospholipids from liver hepatocytes into bile. Alternative splicing of this gene results in several products of undetermined function.

Note: This product is for in vitro research use only