

CD307 Rabbit pAb

CatalogNo: YT5268

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 110kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC: 1:100-300

ELISA 1:20000

IF 1:50-200

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from the Internal region of human FCRL5. AA range: 191-240

Specificity

CD307 Polyclonal Antibody detects endogenous levels of CD307 protein.

Target Information

Gene name FCRL5

Protein Name Fc receptor-like protein 5

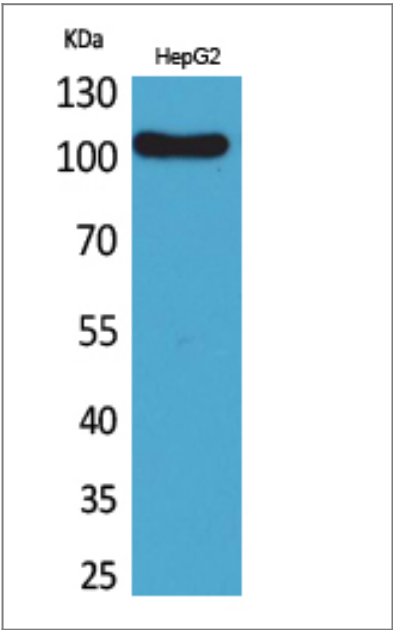
Organism	Gene ID	UniProt ID
Human	83416 ;	Q96RD9 ;
Mouse		Q68SN8 ;

Cellular Localization Cell membrane ; Single-pass type I membrane protein .

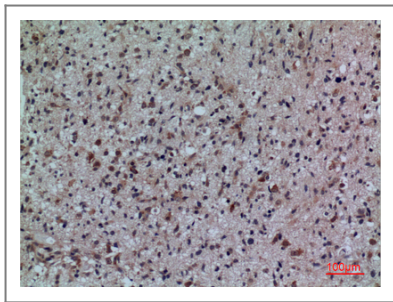
Tissue specificity Expressed in marginal zone B-cells, immunoblasts, tonsillar germinal center centrocytes and in the intraepithelial and interfollicular regions of the tonsil. Expressed in many lymphoma cell lines and on hairy cell leukemia cells. Isoform 1, isoform 3, isoform 4 and isoform 5 are detected in lymph node, spleen, bone marrow, and small intestine with preponderance of isoform 3. Expressed in mature and memory B-cells and down-regulated in germinal center cells (at protein level).

Function Disease:A chromosomal aberration involving FCRL5 is found in Burkitt lymphoma (BL) cell lines with 1q21 abnormalities [MIM:113970]. Duplication dup(1)(q21q32).,Domain:Contains 2 copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM).,Function:May be involved in B-cell development and differentiation in peripheral lymphoid organs and may be useful markers of B-cell stages. May have an immunoregulatory role in marginal zone B-cells.,similarity:Contains 8 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Expressed in marginal zone B-cells, immunoblasts, tonsillar germinal center centrocytes and in the intraepithelial and interfollicular regions of the tonsil. Expressed in many lymphoma cell lines and on hairy cell leukemia cells. Isoform 1, isoform 3, isoform 4 and isoform 5 are detected in lymph node, spleen, bone marrow, and small intestine with preponderance of isoform 3. Expressed in mature and memory B cells and down-regulated in germinal center cells (at protein level).,

| Validation Data



Western Blot analysis of HepG2 cells using CD307 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100

Contact information

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CD307 Rabbit pAb

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