

For Research Use Only

# CD93 Polyclonal antibody

Catalog Number: 18283-1-AP

1 Publications



## Basic Information

Catalog Number:

18283-1-AP

Concentration:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG13132

GenBank Accession Number:

BC028075

GeneID (NCBI):

22918

UNIPROT ID:

Q9NPY3

Full Name:

CD93 molecule

Calculated MW:

69 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:200-1:800

## Applications

Tested Applications:

IHC, ELISA

Cited Applications:

IF

Species Specificity:

human

Cited Species:

mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

IHC : human tonsillitis tissue, human liver cancer tissue

## Background Information

CD93, also known as C1qR or C1qR(p), is a single-pass type I transmembrane glycoprotein and a member of the group 14 of the C-type lectin-like domain (CTLD) superfamily, which also includes endosialin/CD248, thrombomodulin, and CLEC14A (PMID: 31287944). CD93 consists of a C-type lectin-like domain, five EGF-like repeats, a mucin-like domain, a transmembrane domain and a cytoplasmic domain (PMID: 28912033). CD93 is mainly expressed on endothelial cells and has been reported to be expressed by neurons and various cells of the hematopoietic system, including monocytes, neutrophils, B cells, natural killer cells, platelets and hematopoietic stem cells (PMID: 37443812). CD93 plays a role in various physiological processes including angiogenesis, inflammation, and cell adhesion (PMID: 31287944).

## Notable Publications

Author	Pubmed ID	Journal	Application
Mengdi Zhang	39898009	Int J Pharm X	IF

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

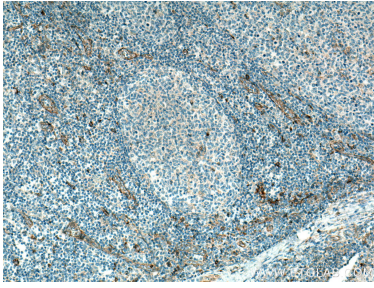
T: 4006900926

E: Proteintech-CN@ptglab.com

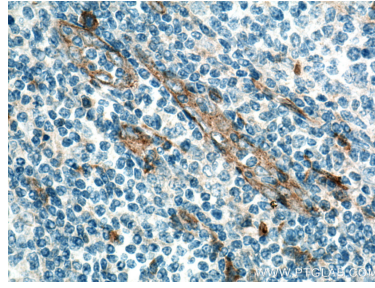
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 18283-1-AP (CD93 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 18283-1-AP (CD93 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).