

For Research Use Only

CD93 Recombinant antibody, PBS Only

Catalog Number: 84945-4-PBS



Basic Information

Catalog Number:

84945-4-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_012072.3

GeneID (NCBI):

22918

UNIPROT ID:

Q9NPY3

Full Name:

CD93 molecule

Calculated MW:

69 kDa

Observed MW:

120 kDa

Purification Method:

Protein A purification

CloneNo.:

242464D2

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

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).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

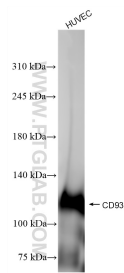
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

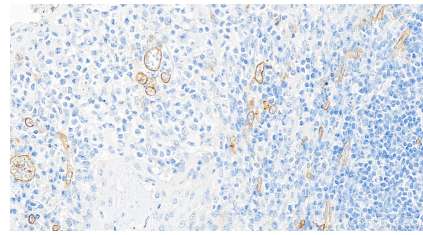
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

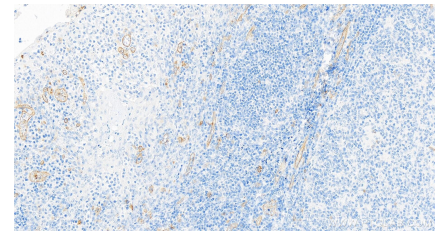
Selected Validation Data



HUVEC cells were subjected to SDS PAGE followed by western blot with 84945-4-RR (CD93 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84945-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84945-4-RR (CD93 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84945-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84945-4-RR (CD93 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84945-4-PBS in a different storage buffer formulation.