

For Research Use Only

CEACAM21 Polyclonal antibody, PBS Only

Catalog Number: 17209-1-PBS



Basic Information

Catalog Number:

17209-1-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10992

GenBank Accession Number:

BC012001

GeneID (NCBI):

90273

UNIPROT ID:

Q3KPI0

Full Name:

carcinoembryonic antigen-related cell adhesion molecule 21

Calculated MW:

32 kDa

Observed MW:

30 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Carcinoembryonic antigen-related cell adhesion molecule 21 (CEACAM21) is a member of the CEACAM family that has diverse functions in cell adhesion, in intracellular and intercellular signaling, and during complex biological processes such as cancer progression, inflammation, angiogenesis, and metastasis (PMID: 23903773; 32488569). CEACAM21 acts as a heterophilic ligand for TIM-3, leading to the dissociation of Bat3 and increasing proximal TCR signaling and proapoptotic protein expression in late effector T cells, thereby mediating T cell suppression (PMID: 38490257).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

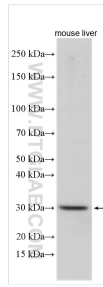
For technical support and original validation data for this product please contact:

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Selected Validation Data



Mouse liver tissue lysate was subjected to SDS PAGE followed by western blot with 17209-1-AP (CEACAM21 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 17209-1-PBS in a different storage buffer formulation.