

B7-H4 Recombinant antibody

Catalog Number: 86484-1-RR

Basic Information

Catalog Number:

86484-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3230

GenBank Accession Number:

NM_001024244.1

GeneID (NCBI):

295322

UNIPROT ID:

Q501W4

Full Name:

V-set domain containing T cell
activation inhibitor 1

Calculated MW:

31 kDa

Observed MW:

75 kDa

Purification Method:

Protein A purification

CloneNo.:

250392C3

Recommended Dilutions:

WB: 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB: rat liver tissue, rat uterus tissue, rat pancreas
tissue, mouse liver tissue

Background Information

B7-H4, also named VTCN1, B7X, or B7S1, is a single-pass type I membrane protein, which contains two immunoglobulin-like domains and belongs to the immunoglobulin superfamily. B7-H4 negatively regulates T-cell mediated immune response by inhibiting T-cell activation, proliferation, cytokine production and development of cytotoxicity. B7-H4 is over-expressed in many cancers, including breast, ovarian, endometrial, renal cell and non-small-cell lung cancers. The predicted molecular weight of B7 H4 is 31 kDa. The glycosylated B7 H4 is 50 to 80 kDa, and the non-glycosylated form is 28 kDa.

Storage

Storage:

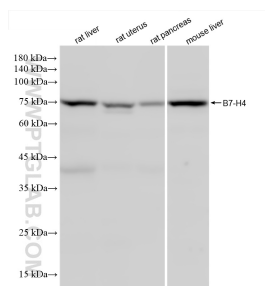
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86484-1-RR (B7-H4 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.