

For Research Use Only

# B7-H4 Recombinant antibody

Catalog Number: 82850-6-RR



## Basic Information

Catalog Number:

82850-6-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0098

GenBank Accession Number:

NM\_024626

GeneID (NCBI):

79679

UNIPROT ID:

Q7Z7D3

Full Name:

V-set domain containing T cell  
activation inhibitor 1

Calculated MW:

282 aa, 31 kDa

Observed MW:

65 kDa

Purification Method:

Protein A purification

CloneNo.:

243033D6

Recommended Dilutions:

WB: 1:500-1:2000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : SK-BR-3 cells,

## 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

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

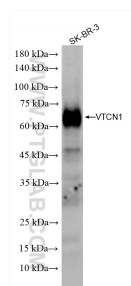
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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## Selected Validation Data



SK-BR-3 cells were subjected to SDS PAGE followed by western blot with 82850-6-RR (VTCN1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.