

## B7-H4 Recombinant antibody

**Cat:** B36262S

**Company:** HaoKebio

**Uniprot ID:** Q7Z7D3

**Applications:** IHC:1:1000-1:4000

**Organism:** Rabbit

IHC-Polymer:1:4000-1:16000

**Species reactivity:** Human Mouse

IHC-TSA:1:5000-1:20000

**Molecular Weight Calculation:** 282 aa, 31 kDa

IF:1:50-1:200

**Observed Molecular Weight:** 75 kDa

WB:1:1000-1:5000

### Background:

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.

### Synonyms:

VTCN1, B7-H4, B7H4, B7h.5, B7 homolog 4

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Membrane, Cytoplasm

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

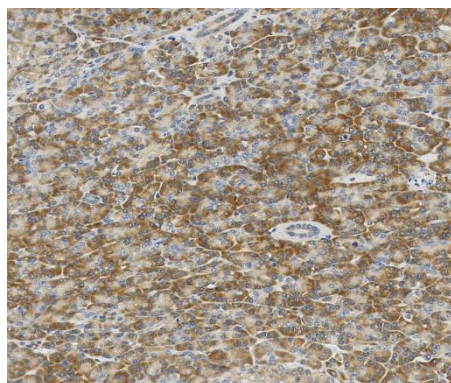
### Storage:

Store at -20 °C for one year.

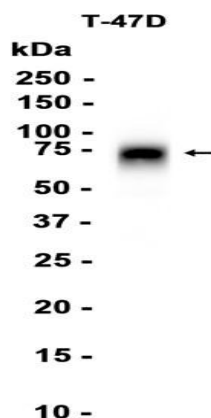
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse kidney, 4% PFA 12-24h



Dilution of 1:5000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

发表[中文论文]请标注:B7-H4(B36262S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:B7-H4(B36262S) were k  
indly provided by Hangzhou Haoke Biotechnolo  
gy Co., Ltd.