

# TAB2 Recombinant antibody

Catalog Number: 82948-5-RR

## Basic Information

**Catalog Number:**

82948-5-RR

**Size:**

1000 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG5742

**GenBank Accession Number:**

BC035910

**GeneID (NCBI):**

23118

**UNIPROT ID:**

Q9NYJ8

**Full Name:**

mitogen-activated protein kinase  
kinase kinase 7 interacting protein 2

**Calculated MW:**

76 kDa

**Observed MW:**

77 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

230118F1

**Recommended Dilutions:**

WB 1:2000-1:10000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

WB : HepG2 cells, HEK-293T cells, L02 cells, Raji cells,  
RAW 264.7 cells

## Background Information

Tab2 has a role in the inflammatory signal transduction pathway and is involved in the reversal of NCoR-dependent and NFkB- or APP-mediated gene repression and androgen antagonist response. Besides, it is identified as a cofactor for ERBB4 to assemble NCoR corepressor complex in response to neuregulin [PMID:16469706]. It also functions as an adaptor that links TAK1 and TRAF6 in response to interleukin-1 $\beta$  (IL-1 $\beta$ ) or tumour necrosis factor- $\alpha$  (TNF- $\alpha$ ), and thereby mediates TAK1 activation [PMID:11460167].

## Storage

**Storage:**

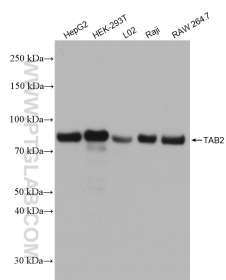
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

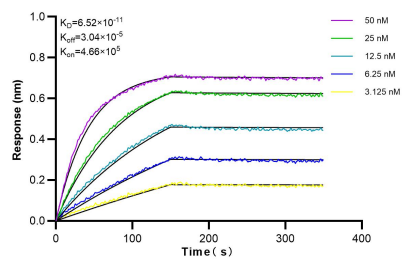
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82948-5-RR (MAP3K7IP2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 82948-5-RR against Human TAB2 were performed. The affinity constant is 65.2 pM.