

CD2BP2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01450
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD2 Tail-binding. AA range:101-150
Mol wt	37646
Species reactivity	Human, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	CD2BP2 Antibody
Synonyms	CD2BP2; KIAA1178; CD2 antigen cytoplasmic tail-binding protein 2; CD2 cytoplasmic domain-binding protein 2; CD2 tail-binding protein 2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

CD2BP2 encodes a bi-functional protein (CD2 cytoplasmic tail binding protein 2). In the cytoplasm, the encoded protein binds the cytoplasmic tail of human surface antigen CD2 via its C-terminal GYF domain, and regulate CD2-triggered T lymphocyte activation. In the nucleus, this protein is a component of the U5 small nuclear ribonucleoprotein complex and is involved in RNA splicing. A pseudogene has been identified on chromosome 7. Alternative splicing results in multiple transcript variants but their biological validity has not been determined.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

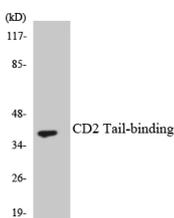
ELISA: 1: 40000

Not yet tested in other applications.

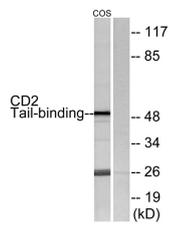
Images



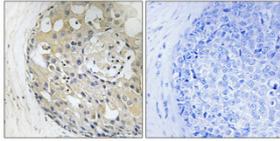
Western Blot analysis of various cells using CD2BP2 Polyclonal Antibody diluted at 1:1000



Western blot analysis of the lysates from HeLa cells using CD2 Tail-binding antibody.



Western blot analysis of lysates from COS7 cells, using CD2 Tail-binding Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Storage

-20°C for one year

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