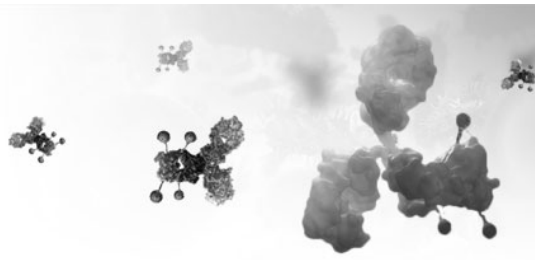

Anti-CD2BP2 monoclonal antibody (DCABH-10887)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a bi-functional protein. 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.
Immunogen	A synthetic peptide of human CD2BP2 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	CD2BP2 CD2 (cytoplasmic tail) binding protein 2 [Homo sapiens]
Official Symbol	CD2BP2
Synonyms	CD2BP2; CD2 (cytoplasmic tail) binding protein 2; CD2 antigen (cytoplasmic tail) binding protein 2; CD2 antigen cytoplasmic tail-binding protein 2; LIN1; PPP1R59; protein phosphatase 1; regulatory subunit 59; Snu40; U5 snRNP 52K protein; CD2 cytoplasmic domain-binding protein 2; protein phosphatase 1, regulatory subunit 59; FWP010; U5-52K;
Entrez Gene ID	10421
Protein Refseq	NP_001230575
UniProt ID	A0A024QZC1
Chromosome Location	16p11.2
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem; mRNA processing, organism-specific biosystem;
Function	protein binding; ribonucleoprotein complex binding;

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