

Product datasheet

anti-CD2 mouse monoclonal, EBS-CD-002, purified

Short overview

Cat. No.	691550
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2a kappa
Clone	EBS-CD-002
Immunogen	Human Sézary T cells
Formulation	PBS with 0.02% sodium azide
UniprotID	O95400 (Human)
Synonym	CD2 antigen cytoplasmic tail-binding protein 2, CD2 cytoplasmic domain-binding protein 2, CD2 tail-binding protein 2, U5 snRNP 52K protein, U5-52K, CD2BP2, KIAA1178
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC, WB
Reactivity	Human

Applications

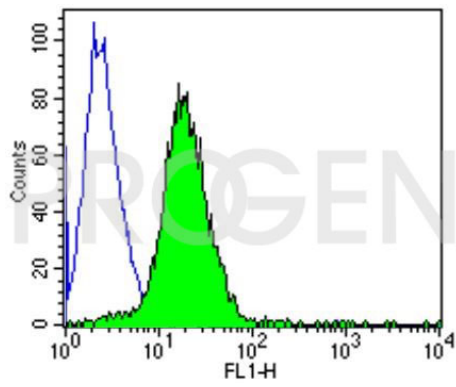
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Western Blot (WB)	1:50-1:100 (1-2 µg/ml)

Background

CD2 is a transmembrane glycoprotein that is expressed on peripheral blood T lymphocytes. Interaction between CD2 and its counter receptor LFA3 (CD58) on opposing cells optimizes immune system recognition, thereby facilitating communication between helper T lymphocytes and antigen presenting cells, as well as between cytolytic effectors and target cells.

Positive control: 293T or Jurkat cells. Lymph node and tonsil.

Product images



FACS with Jurkat cells