

## Product datasheet

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

#### Short overview

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

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG2a kappa
<b>Clone</b>	EBS-CD-002
<b>Immunogen</b>	Human Sézary T cells
<b>Formulation</b>	PBS with 0.02% sodium azide
<b>UniprotID</b>	O95400 (Human)
<b>Synonym</b>	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
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage</b>	2-8°C
<b>Intended use</b>	Research use only
<b>Application</b>	FACS, ICC/IF, IHC, WB
<b>Reactivity</b>	Human

#### Applications

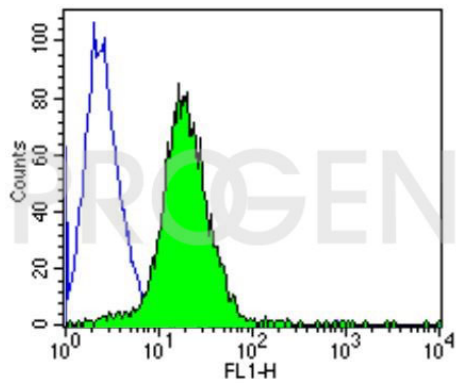
<b>Flow Cytometry (FACS)</b>	0.5-1.0 µg/million cells in 0.1 ml
<b>Immunocytochemistry (ICC)</b>	1:100-1:200 (0.5-1.0 µg/ml)
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)
<b>Western Blot (WB)</b>	1:50-1:100 (1-2 µg/ml)

#### 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