

Product datasheet

anti-CD45RB mouse monoclonal, Bra11 (Bra11G), purified

Short overview

Cat. No.	691588
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	Bra11 (Bra11G)
Immunogen	Non-T, non-B CALLA positive ALL cell line REH
Formulation	PBS with 0.02% sodium azide
UniprotID	P08575 (Human)
Synonym	Receptor-type tyrosine-protein phosphatase C, EC 3.1.3.48, Leukocyte common antigen, L-CA, T200, CD antigen CD45, PTPRC, CD45
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, FACS, ICC/IF, IHC, WB
Reactivity	Human
No reactivity	Rat, Rhesus monkey

Applications

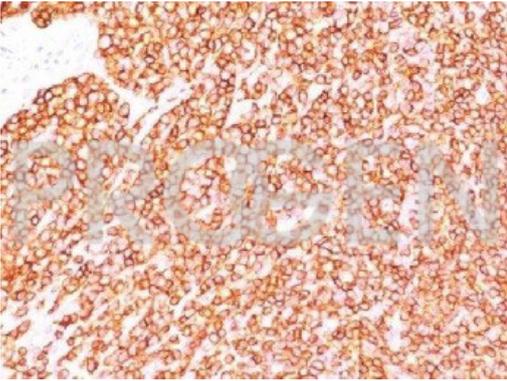
ELISA	Assay dependent
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml)
Western Blot (WB)	Assay dependent

Background

CD45 glycoproteins have various molecular weights on various cell types: B-cell 240 kDa, thymocytes 180 kDa, T-cells multiple bands. Reduced in PAGE gels: 180 and 240 kDa. Relevant epitopes are termed CD45RA (exon 4), CD45RB (exon5), CD45RC (exon 6) and CD45R or CD45R0 (exons 4-6 spliced out). Bra11 reacts with CD45RB, which is expressed on mature B-lymphocytes and the majority of lymphomas and leukemias of B-cell origin. CD45RB is also expressed on cells of myeloid lineage.

Positive control: Ramos, U-698, or GA-10 cells, tonsil.

Product images



Human tonsil