

Technical Data Sheet

Product

**Anti-Hu CD45 Purified**

Cat. Number/Size

**11-684-C025**

**0.025 mg**

**11-684-C100**

**0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD45
Clone	HI30
Format	Purified
Reactivity	Human, Non-human primates
Application	FC (QC tested), IP, WB, IHC(P), IHC(F), ICC
Application details	Western blotting: non-reducing conditions; recommended dilution: 1 µg/ml; 6-7% gel recommended (band around 180-250 kDa). Flow cytometry: Recommended dilution: 1-4 µg/ml
Isotype	Mouse IgG1 kappa
Specificity	The mouse monoclonal antibody HI30 recognizes an extracellular epitope on all isoforms of human CD45 antigen (Leukocyte Common Antigen), a 180-220 kDa single chain type I transmembrane protein expressed at high level on all cells of hematopoietic origin, except erythrocytes and platelets.
Other names	LCA, T200, LY5, B220, GP180, TPC
Workshop	HLDA IV: WS Code N816
Immunogen	human peripheral blood leukocytes
Entrez Gene ID	5788
Gene name	PTPRC
NCBI Full Gene Name	protein tyrosine phosphatase receptor type C
UniProt ID	P08575

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Concentration	1 mg/ml
Preparation	Purified by protein-G affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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