

Product datasheet for **AM31886RP-N**

CD45 / LCA Rat Monoclonal Antibody [Clone ID: IBL-5/25]

Product data:

Product Type:	Primary Antibodies
Clone Name:	IBL-5/25
Applications:	FC
Recommended Dilution:	Immunohistochemistry on acetone-fixed frozen sections. Immunoprecipitation. Flow Cytometry. <u>TEST RESULTS:</u> Mouse Strain: BALB/c Cell Concentration: 1x10e6 cells per tests Antibody Concentration Used: 0.1 µg/10e6 cells, Isotypic Control: PE-Rat IgG1 Cell Source Percentage of cells stained above control: Mesenteric Lymph Node 99.8%
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	IL-3 dependent mast cells derived from WB- +/+ mice <u>Donor:</u> Wistar spleen <u>Fusion Partner:</u> X63.653. Ag8
Specificity:	Anti-mouse CD45 monoclonal antibody detects CD45 (L-CA) which is a transmembrane phosphotyrosine phosphatase expressed on leukocytes. This mAb induces the in vitro clustering of mouse lymphocytes (both T and B cells).
Formulation:	PBS containing 0.02% sodium azide (NaN ₃) as preservative and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml. Label: PE State: Liquid purified Ig fraction Label: R - Phycoerythrin
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G



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Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	protein tyrosine phosphatase, receptor type, C
Database Link:	Entrez Gene 19264 Mouse P06800
Synonyms:	PTPRC, Leukocyte common antigen, L-CA, T200