

Product datasheet for **AM05192AC-N**

CD45 (PTPRC) Mouse Monoclonal Antibody [Clone ID: BHPT-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BHPT-1
Applications:	FC
Recommended Dilution:	Flow Cytometry. Monitoring of Leukocyte cell subsets in peripheral blood. Characterization of subtypes of leukemia's and lymphomas. Study of AIDS virus infection. Studies of progenitor cells in bone marrow.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Derived from the hybridization of mouse NS-1 myeloma cells with spleen cells of BALB/c mice immunized with peripheral blood monocytes from rheumatoid arthritis patient
Specificity:	This antibody reacts with Leukocyte (HLe-1).
Formulation:	PBS containing 0.2% protein carrier and 0.08% Sodium Azide as preservative. Label: APC State: Liquid purified IgG fraction. Label: Allophycocyanin conjugates are analyzed in multi-color Flow Cytometry with instruments equipped with a second laser and proper filters. Laser excitation is at 633 nm with a Helium Neon (HeNe) laser or a 600-640 nm (633 nm) range for a Dye laser. Peak fluorescence emission is at 660 nm
Concentration:	lot specific
Purification:	Protein A/G Chromatography
Conjugation:	APC
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: One year from despatch.



[View online »](#)

Gene Name:	protein tyrosine phosphatase, receptor type C
Database Link:	Entrez Gene 5788 Human P08575
Background:	Identification of all human leukocytes, lymphocytes, monocytes, polymorphonuclear cells, eosinophils and basophils in peripheral blood expressing the 180-220 kD M.W. T200 family surface antigen. CD45 is also present on thymus, spleen, tonsil and progenitor cells in bone marrow.
Synonyms:	PTPRC, Leukocyte common antigen, L-CA, T200
Note:	<p>Protocol: PBMC: Add 10 ul of MAB/10e6 PBMC in 100 ul PBS. Mix gently and incubate for 15 minutes at 2-8°C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze.</p> <p>WHOLE BLOOD: Add 10 ul of MAB/100 ul of whole blood. Mix gently and incubate for 15 minutes at room temperature (20°C). Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturers instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.</p>