

Product Datasheet

HLA A Antibody (22.63.4)

NBP2-29714

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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HLA A Antibody (22.63.4)

Product Information

Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	22.63.4
Preservative	0.1% Sodium Azide
Isotype	IgG2b
Purity	Protein A or G purified
Buffer	PBS (pH 7.4) and 50% (v/v) Glycerol

Product Description

Host	Mouse
Gene ID	3105
Gene Symbol	HLA-A
Species	Human
Specificity/Sensitivity	This antibody reacts with a common framework determinant of the 40-44kD protein of HLA-ABC Class I antigen. The antibody precipitates antigens of 40 - 44kD and 12kD (b2-microglobulin). Cell reactivity: The antibody reacts with all cells having HLA-ABC surface antigen. Erythrocytes and K562 and DAUDI are negative.
Immunogen	Nalm-6 cell line.
Notes	Relevant Entrez Gene Numbers: NM_002116.5

Product Application Details

Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Flow Cytometry 1:15 - 1:60, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:15 - 1:60
Application Notes	This antibody is suitable for indirect immunofluorescence analysis by flow cytometry and is an excellent positive control. It is suitable for cryostat sections but not for routine formalin fixed paraffin sections. If the tissue is prepared at 4C and fixed in PLP (Periodate-Lysine-Paraformaldehyde) before paraffin embedding, the antigen can be conserved (Hancock, 1982). SUGGESTED USAGE :DILUTION 1. Flow cytometry and indirect immunofluorescence: Dilute with isotonic buffer. Use 50 ul of diluted antibody per 1 x 10E6 peripheral blood mononuclear cells (PBMC) in 100 ul buffer. 2. Indirect immunoperoxidase staining - the final dilution will depend on the assay conditions and detection system employed. However, a dilution of at least 1:15 will be applicable to most commonly used systems.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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