

Product datasheet for **AM26128PU-N**

HLA II Mouse Monoclonal Antibody [Clone ID: HKB1]

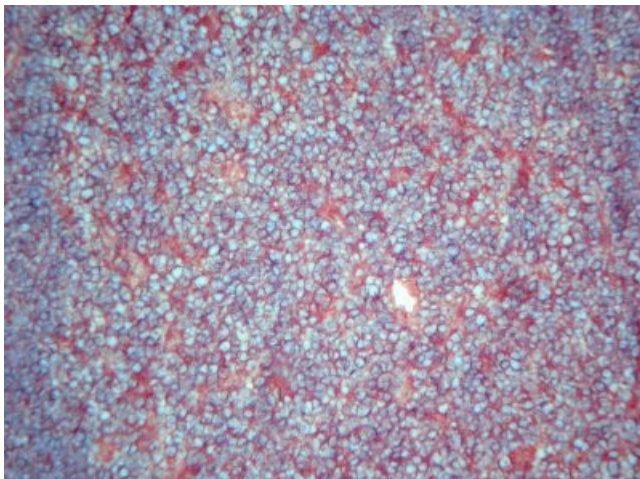
Product data:

Product Type:	Primary Antibodies
Clone Name:	HKB1
Applications:	FC, IHC
Recommended Dilution:	Immunohistochemistry on Frozen Sections: 1 µg/ml (1/400). Has been described to work in FACS .
Reactivity:	Human
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	REH cells, a Human B cell precursor leukemia cell line.
Specificity:	This antibody recognizes all HLA class II antigens, the 3 major (HLA-DP, -DQ and -DR) and 2 minor Major Histocompatibility Complex MHC class II proteins (HLA-DM and -DO).
Formulation:	Stock solution contains PBS, pH 7.2 with 5 mg/ml BSA as a stabilizer and 0.09% Sodium Azide as preservative. State: Aff - Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore by adding 0.5ml distilled water.
Concentration:	0.4 mg/ml
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	The genes of the class II combine to form heterodimeric ($\alpha\beta$) protein receptors that are typically expressed on the surface of antigen presenting cells (APCs): dendritic cells B-cells and macrophages. HLA class II is presented on activated T-cells. HLA class II molecules present exogenously derived antigen to the T cell receptor (TCR) on CD4+ T lymphocytes.
Synonyms:	HLA II, human leukocyte antigen class II



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Product images:



Cat.-No. AM26128PU-N (Clone HKB1) HLA II antibody staining of Human Tonsil Frozen Section.