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Product Datasheet

Anti-Hu beta2-Microglobulin Purified, Clone: [B2M-01], Monoclonal EXB-11-237-C100

Article Name	Anti-Hu beta2-Microglobulin Purified, Clone: [B2M-01], Monoclonal
Biozol Catalog Number	EXB-11-237-C100
Supplier Catalog Number	11-237-C100
Alternative Catalog Number	EXB-11-237-C100
Manufacturer	EXBIO
Category	Antikörper
Application	ELISA, FC, ICC, IHC-P, IP, RIA, WB
Species Reactivity	Human
Immunogen	Purified human beta2-microglobulin
Product Description	Beta2-microglobulin non-covalently associates with the 44 kDa alpha chain to forms the HLA Class I antigen complex. Human beta2-microglobulin associated with HLA Class I antigens is expressed on many types of cells including lymphocytes, thymocytes, ...
Clonality	Monoclonal
Concentration	1 mg/ml
Clone Designation	[B2M-01]
Isotype	Mouse IgG2a
Buffer	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage	2°C to 8°C

Target	beta2-Microglobulin
Antibody Type	Monoclonal Antibody
Application Notes	<p>Western blotting: Recommended dilution: 2-4 µg/ml, positive control: U937 human histiocytic lymphoma cell line, RAJI human Burkitt lymphoma cell line, negative control: EL4 mouse lymphoblastic lymphoma cell line, both reducing and non-reducing conditions. Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml, positive tissue: kidney glomeruli. Flow cytometry: Recommended dilution: 0.5-4 µg/ml, positive control: peripheral blood lymphocytes, negative control: DAUDI human Burkitt lymphoma cell line, erythrocytes. ELISA: Working dilution should be determined by investigator. RIA: Use at an assay dependent concentration. The dissociation constant of the antibody soluble beta2-microglobulin is 1.5×10^{-8} mol/l as determined by competitive RIA. Immunoprecipitation: The antibody B2M-01 coprecipitates beta2-microglobulin (12 kDa) and HLA antigens (45 kDa) from the lysates of human lymphoid cells.</p>