

Product Datasheet

beta 2-Microglobulin Antibody (B2M-01) [HRP] NBP1-44520

Unit Size: 0.1 mg

Store at 4C in the dark.

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NBP1-44520

beta 2-Microglobulin Antibody (B2M-01) [HRP]

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	B2M-01
Preservative	0.01% Thimerosal
Isotype	IgG2a
Conjugate	HRP
Purity	Protein A purified
Buffer	Stabilizing phosphate buffered saline (PBS)
Target Molecular Weight	12 kDa

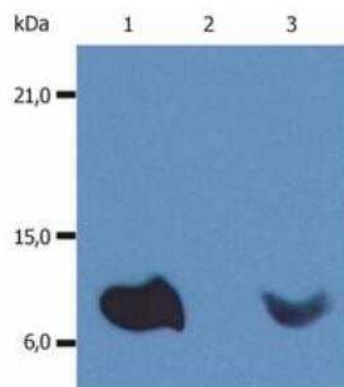
Product Description	
Description	Store in the dark. Avoid prolonged exposure to light.
Host	Mouse
Gene ID	567
Gene Symbol	B2M
Species	Human, Bovine (Negative), Canine (Negative), Chicken (Negative), Mouse (Negative), Rabbit (Negative)
Reactivity Notes	Weak positive staining was observed in peripheral blood lymphocytes of the monkey <i>Cercopithecus aethiops</i> .
Specificity/Sensitivity	The antibody B2M-01 reacts with beta2-microglobulin (beta2M) associated with cell-surface MHC Class I molecules and other membrane antigens as well as with soluble beta2-microglobulin. Beta2M is a 12 kDa Ig like glycoprotein expressed on lymphocytes, thymocytes, monocytes, granulocytes, platelets, endothelial cells and epithelial cells. It is absent on erythrocytes.
Immunogen	Purified human beta 2 Microglobulin (NM_004048.2).

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1 ug/ml, ELISA 1:100-1:2000

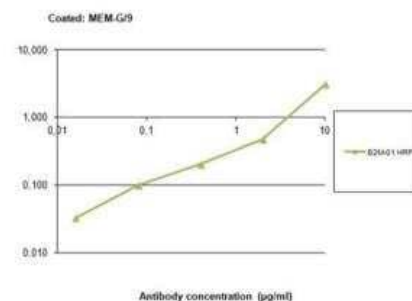


Images

Western Blot: beta 2-Microglobulin Antibody (B2M-01) [HRP] [NBP1-44520] - Analysis (non-reducing conditions) of whole cell lysate of various cell lines using anti-human beta2-microglobulin (B2M-01). Lane 1: RAJI human Burkitt lymphoma cell line Lane 2: EL4 mouse lymphoblastic lymphoma cell line Lane 3: U937 human histiocytic lymphoma cell line



ELISA: beta 2-Microglobulin Antibody (B2M-01) [HRP] [NBP1-44520] - Human serum using anti-HLA-G (capture) and anti-beta2 microglobulin HRP (detection).



Publications

Rivino L, Tan AT, Chia A et al. Defining CD8+ T Cell Determinants during Human Viral Infection in Populations of Asian Ethnicity J Immunol 2013-10-15 [PMID: 24058176] (ELISA, Human)

Details:

This citation used the HRP version of this antibody.



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Products Related to NBP1-44520

NBP1-97075	Mouse IgG2a Isotype Control (M2A) [HRP]
NBP1-50840-0.01mg	Recombinant Human beta 2-Microglobulin His Protein
210-TA-005	TNF-alpha [Unconjugated]
KGE019	beta 2-Microglobulin [Biotin]

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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