

Anti-Microglobulin Beta2 [BBM.1]

Catalogue number: 151079

Sub-type: Primary antibody

Images:

Contributor

Inventor: Walter Bodmer

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Microglobulin Beta2 [BBM.1]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: BBM.1 binds significantly with fibroblasts and lymphocytes from humans and primates and can be used for the detection of Beta2-microglobulin in myeloma and other conditions (serum assay kits etc.). BBM.1 binds equivalently to free and HLA-associated Beta2-microglobulin and may be used for detection in myeloma and other conditions (e.g. within serum assay kits).

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2b

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Molt 4, a human T cell line.

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Microglobulin Beta 2

Target alternate names:

Target background: Beta2-microglobulin associates with human leucocyte antigens (HLAs).

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IP ; Fn

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

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References

References: Reches et al. 2016. J Immunol. .: PMID: 27194785. ; HNRNPR Regulates the Expression of Classical and Nonclassical MHC Class I Proteins. ; Dellgren et al. 2015. PLoS One.

10(8):e0135385. PMID: 26258424. ; Cell surface expression level variation between two common Human Leukocyte Antigen alleles, HLA-A2 and HLA-B8, is dependent on the structure of the C terminal part of the alpha 2 and the alpha 3 domains. ; Rancan et al. 2015. PLoS Pathog. 11(6):e1004906. PMID: 26067064. ; Latent Membrane Protein LMP2A Impairs Recognition of EBV-Infected Cells by CD8+ T Cells. ; Levering et al. 2000. Cytometry. 42(2):95-105. PMID: 10797446. ; External quality assessment of flow cytometric HLA-B27 typing. ; Parham et al. 1981. Hum Immunol. 3(4):277-99. PMID: 7035415. ; Partial purification and some properties of BB7.2. A cytotoxic monoclonal antibody with specificity for HLA-A2 and a variant of HLA-A28. ; Brodsky et al. 1979. Immunol Rev. 47:3-61. PMID: 95015. ; Monoclonal antibodies for analysis of the HLA system.

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