



Magic™ Rabbit Anti-Human beta 2 Microglobulin recombinant monoclonal antibody, clone 31337C (DMABB-JX777)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	31337C
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	ELISA (Cap) We recommend the following as antibody pair (Capture - Detection): DMABB-JX777 - DMABB-JX778 Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	0.01M PBS, pH 7.2

Preservative	None
Storage	Store at 4°C for at least 12 months. Avoid freeze/thaw cycles
Ship	Wet ice

BACKGROUND

Introduction Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system. Exogenously applied M.tuberculosis EsxA or EsxA-EsxB (or EsxA expressed in host) binds B2M and decreases its export to the cell surface (total protein levels do not change), probably leading to defects in class I antigen presentation (PubMed:25356553).

Keywords B2M; Beta 2 microglobulin; B2MG_HUMAN

GENE INFORMATION

Entrez Gene ID [567](#)

UniProt ID [P61769](#)