Anti-beta-2 microglobulin [YTH 470.5] Bulk size

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Description: Recombinant monoclonal antibody to beta-2 microglobulin. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the hybridoma YTH 470.5.
Isotype and Format: Mouse IgG1, kappa
Clone Number: YTH 470.5
UniProt Accession Number of Target Protein:
Published Application(s): FC; Block
Published Species Reactivity: Human
Immunogen: Human peripheral mononuclear cells enriched for T cells.
Specificity: Binds to human beta2-microglobulin, a component of MHC class I molecules, accommodated beside the α3 chain on the cell surface, directly below the α1 chain, with no transmembrane region, which are present on all nucleated cells (excludes red blood cells). Clinically abnormality is known as dialysis-related amyloidosis that the long-term exposure of hemodialysis causes aggregation into amyloid fibers that deposit in joint spaces. In multiple myeloma and lymphoma, it is observed that the level of beta-2 microglobulin is elevated.
Antibody First Published in:
Bindon CI, Hale G, Waldmann H. Eur J Immunol. 1988 Oct;18(10):1507-14. PMID:2973413 **Note on publication:** Describes the preparation of rat anti human beta2-microglobulin antibody and characterisation of the specificities by binding analysis, immunoprecipitation or Western blotting, furthermore specific functional tests such as complement-mediated lysis.

Product Form

This is a Bulk size product. Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied in: PBS only.
Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.
Concentration: See vial label

Product Code: Ab00189-1.1-BT

Mouse IgG1

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.