

Anti-Beta-2 microglobulin [BBM.1] Standard Size Ab00181-23.0

Developed in partnership with Ximbio (www.ximbio.com).

This chimeric rabbit antibody was made using the variable domain sequences of the original murine IgG2b format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: BBM.1

Alternative Name(s) of Target: B2M; Beta-2-microglobulin; CDABP0092; HDCMA22P; BBM1

UniProt Accession Number of Target Protein: P61769

Published Application(s): Depletion, WB, IF, IHC

Published Species Reactivity: Human

Immunogen: Molt 4, a human T cell line.

Specificity: Binds human beta-2-microglobulin, a component of MHC class I molecules, which are present on all nucleated cells (excludes red blood cells) and involved in the presentation of peptide antigens to the immune system.

Application Notes:

Antibody First Published in: Brodsky FM, Bodmer WF, Parham P. Characterization of a monoclonal anti-beta-2-microglobulin antibody and its use in the genetic and biochemical analysis of major histocompatibility antigens. Eur J Immunol. 1979 Jul;9(7):536-45. [PMID:91522](#)

Note on publication: Describes the generation of BBM.1 and characterization of its specific binding to beta-2-microglobulin.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration:

1 mg/ml.

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