



Mouse Anti-Human Beta 2 Microglobulin Monoclonal Antibody Datasheet

Product Name: mAb anti-Human Beta 2 Microglobulin

Clone No.: D6D1

Catalogue No.: MO-M40021D

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to human beta 2 microglobulin (B2MG)

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human beta 2 microglobulin (B2MG)

Immunogen: Highly purified beta 2 microglobulin from human urine

Fusion Myeloma: Sp2/0-Ag14

Species: Human, others not tested

Reactivity:

Host / Isotype: Mouse, IgG1 Kappa

Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2

Reconstitution: Double distilled water is recommended to reconstitute the antibody.

Storage: Store at -20°C

Research Area: Renal disease, plasma cell cancer

Background: Human beta 2 microglobulin (B2MG) is a component of major histocompatibility complex 1 (MHC1). It is abundant at the surface of lymphocytes and exists at

the surface of all cell types except red cells. B2MG is normally filtered out of blood through glomeruli, but the process is impaired in patients with renal diseases. Elevated B2MG level is implicated with lymphoma, multiple myeloma, renal diseases, viral infections and auto-immune conditions.

Applications:

ELISA: The antibody reacts with human B2MG.

Western Blot:



Detect recombinant human B2MG antigen (100ng/lane) using anti-human B2MG mAb D6D1 at 1µg/mL dilution.

References:

If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

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