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 Sp2/0-Ag14

Myeloma:

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 distillated water is

recommended to reconstitute the

antibody.

Storage: Store at -20°C

Research Renal disease, plasma cell cancer

Area:

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,

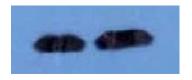
viral infections and auto-immune

conditions.

Applications: ELISA: The antibody reacts with

human B2MG.

Western Blot:



Detect recombinant human B2MG antigen (100ng/lane) using antihuman B2MG mAb D6D1 at $1\mu g/mL$

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.

This product is for LABORATORY RESEARCH USE and further manufacture ONLY, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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