

beta 2 Microglobulin (AB2748) Rabbit mAb

M0242

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB, ELISA

MW

- 14 kDa (calculated)
- 12 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB, ELISA

Dilution

WB, 1:1000-1:2000 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.09% Sodium azide.

Basic Information

Clonality Monoclonal

Clone Number AB2748

Immunogen Recombinant fusion protein containing a sequence corresponding to amino acids 21 - 119 of human beta 2 Microglobulin.

Specificity This antibody detects endogenous levels of beta 2 Microglobulin protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name B2M

Protein Name beta 2 Microglobulin

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P61769	567

Background This gene encodes a serum protein found in association with the major histocompatibility complex (MHC) class I heavy chain on the surface of nearly all nucleated cells. The protein has a predominantly beta-pleated sheet structure that can form amyloid fibrils in some pathological conditions. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia.