

A21573

Leader in Biomolecular Solutions for Life Science



beta 2 Microglobulin Rabbit pAb

Catalog No.: A21573

Basic Information

Observed MW

Refer to figures

Calculated MW

14kDa

Category

Polyclonal Antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse

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.

Recommended Dilutions

WB 1:500 - 1:2000

Immunogen Information

Gene ID

567

Swiss Prot

P61769

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 21-119 of human beta 2 Microglobulin (NP_004039.1).

Synonyms

IMD43; beta 2 Microglobulin

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

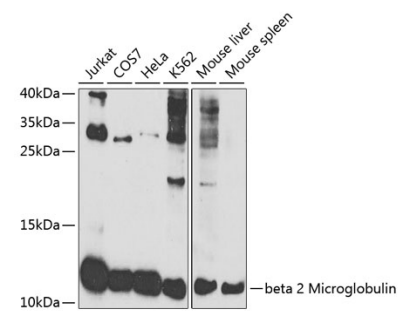
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

Validation Data



Western blot analysis of various lysates using beta 2 Microglobulin Rabbit pAb (A21573) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).