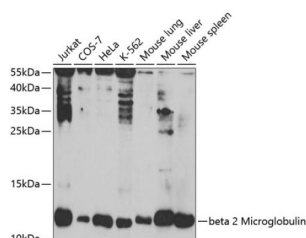
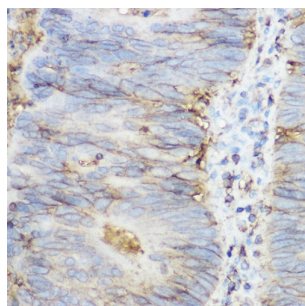


## Beta-2-Microglobulin (B2M) Antibody

Catalogue No.: abx001313



Western blot analysis of extracts of various cell lines using beta 2 Microglobulin Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded human colon carcinoma using beta 2 Microglobulin Antibody (1/250 dilution, 40x lens). High pressure antigen retrieval was performed in 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

B2M Antibody is a Rabbit Polyclonal antibody against B2M. 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.

**Target:** Beta-2-Microglobulin (B2M)

**Clonality:** Polyclonal

**Reactivity:** Human, Mouse, Rat

**Tested Applications:** WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** Recombinant fusion protein corresponding to human beta 2 Microglobulin

**Isotype:** IgG

# Datasheet

Version: 3.0.0

Revision date: 18 Jun 2025



<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P61769 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	B2M
<b>GeneID:</b>	<a href="#">567</a>
<b>NCBI Accession:</b>	NP_004039.1
<b>KEGG:</b>	hsa:567
<b>String:</b>	<a href="#">9606.ENSP00000452780</a>
<b>Molecular Weight:</b>	Calculated MW: 13 kDa Observed MW: 12 kDa
<b>Buffer:</b>	PBS, pH 7.3, containing 0.01% thiomersal, 50% glycerol.
<b>Concentration:</b>	1 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.