

beta 2 Microglobulin Antibody

CAB1562

Description

This beta 2 Microglobulin Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB1562
Contents:	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	IMD43, beta 2 Microglobulin
Clone:	-
Applications:	WB IHC-P IF/ICC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse, Rat

Antibody Data

Gene ID:	567
Uniprot:	AB_2763026
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	12kDa
Calculated MW:	14kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Jurkat, COS-7, HeLa, K-562, Mouse lung, Mouse liver, Mouse spleen

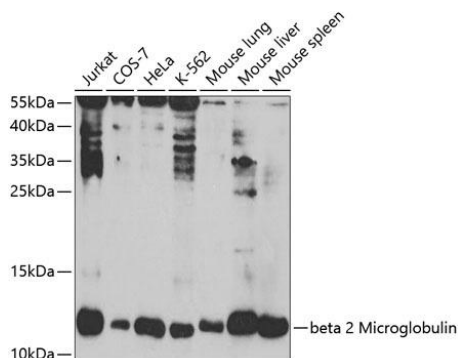
Recommended Dilutions:

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

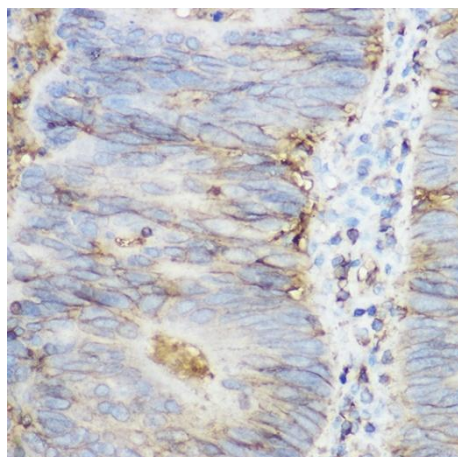
Protein Quantification (Optional):

To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates using beta 2 Microglobulin Rabbit pAb (CAB1562) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using beta 2 Microglobulin Rabbit pAb (CAB1562) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.