β2-Microglobulin monoclonal antibody (34)

This antibody is covered by our Worry-Free Guarantee.

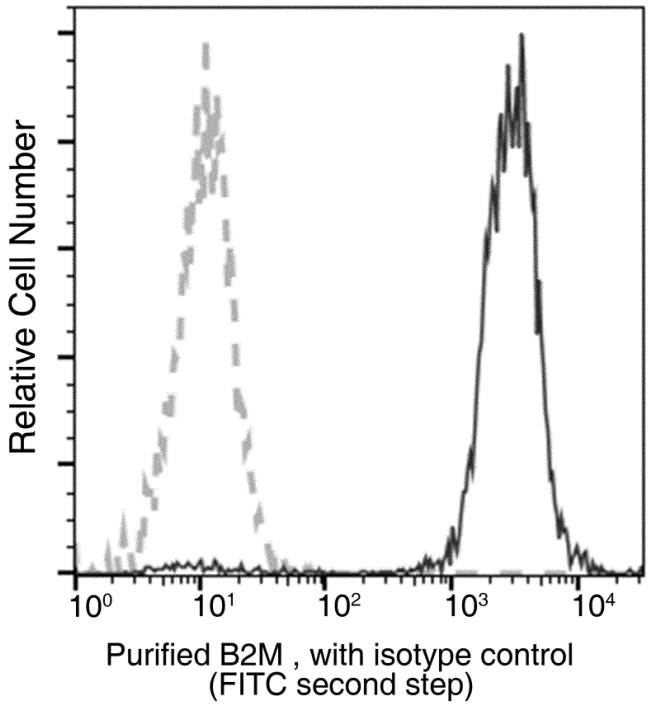
Ordering Information

Order Online »

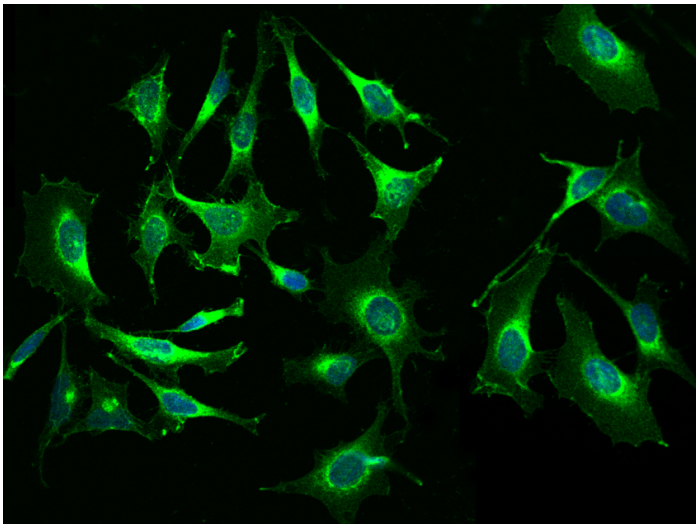
ENZ-ABS987-0100	100µl

Manuals, SDS & CofA

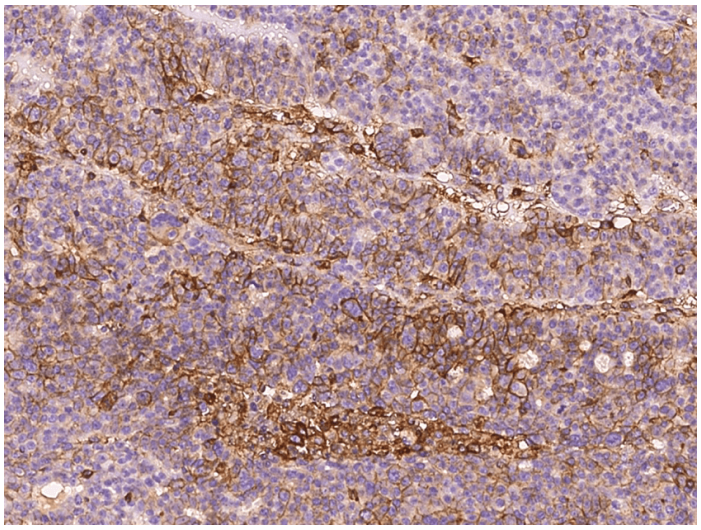
View Online »



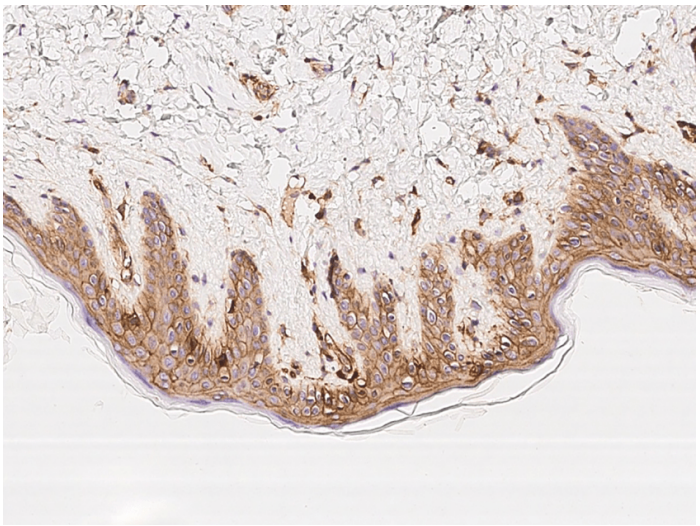
Flow cytometric analysis of Human B2M / Beta-2-microglobulin expression on human whole blood lymphocytes. Cells were stained with purified anti-Human B2M / Beta-2-microglobulin, then a PE-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable lymphocytes.



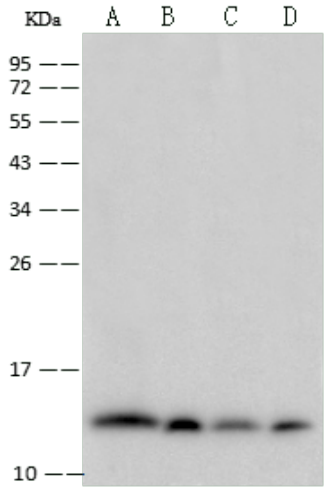
Immunofluorescence staining of B2M in Hela cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with mouse anti-human B2M monoclonal antibody (dilution ratio 1:60) at 4 overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Cytoplasm and cell membrane.



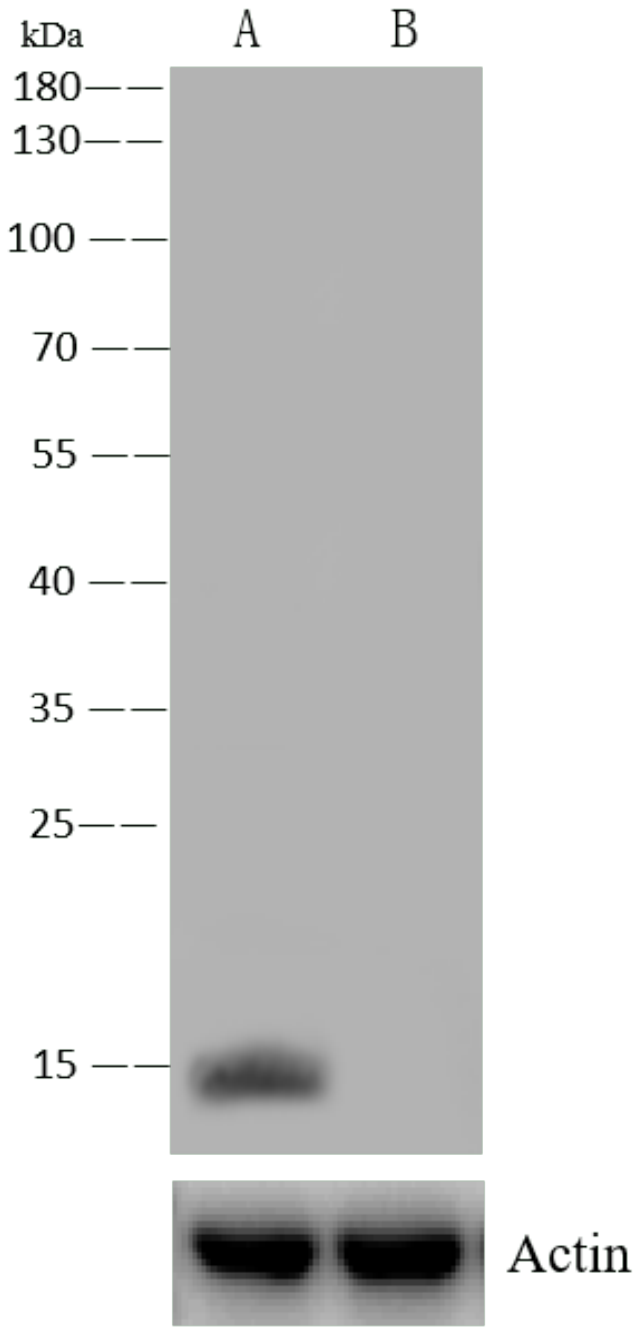
Immunochemical staining of human B2M in human ovarian cancer with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.



Immunochemical staining of human B2M in human skin with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.



Anti-B2M mouse monoclonal antibody at 1:500 dilution. Lane A: A431 Whole Cell Lysate. Lane B: U937 Whole Cell Lysate. Lane C: Raji Whole Cell Lysate. Lane D: HeLa Whole Cell Lysate. Lysates/proteins at 30 µg per lane. Secondary Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Observed band size:14 kDa



Anti-Beta-2 microglobulin mouse monoclonal antibody at 1:500 dilution. Lane A: Hela Whole Cell Lysate. Lane B: Beta-2 microglobulin knockout Hela Whole Cell Lysate. Lysates/proteins at 30 µg per lane. Secondary Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Observed band size:14 kDa.

Handling & Storage

Handling	Protected from light. Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	B2M
Application	ELISA, Flow Cytometry, ICC, IF, IHC (PS), WB
Clone	34
Formulation	Liquid. 0.2 µm filtered solution in PBS. Preservative free.
Host	Mouse
Immunogen	Recombinant human Beta-2 microglobulin/B2M protein.
Isotype	IgG1
Purity Detail	Protein A purified.
Recommendation Dilutions/Conditions	Western Blot (1:500-1:1’000)ELISA (1:1’000-1:2’000)Immunohistochemistry (paraffin sections) (1:30-1:100)Immunocytochemistry (1:20-1:100)Immunofluorescence (1:20-1:100)Flow Cytometry (1:25-1:100)ELISA (Detection)(1:1’000-1:10’000)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Species Reactivity	Human
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee**

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