

Anti- β -2-microglobulin Rabbit pAb

WL03087

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti- β -2-microglobulin Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
	IF	1:500
Cellular localization	Secreted	
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background β -2-microglobulin (B2M) is a principal component of the Major Histocompatibility Complex (MHC) class I molecule, a ternary membrane protein complex that displays fragments derived from proteolyzed cytosolic proteins on the surface of cells for recognition by the surveillance immune system. As an integral component of the MHC class I complex, β -2-microglobulin plays a critically important role in immune system function. The encoded antimicrobial protein displays antibacterial activity in amniotic fluid. A mutation in this gene has been shown to result in hypercatabolic hypoproteinemia.

Immunogen Polyclonal antibody is produced by immunizing animals with a synthetic peptide of β -2-microglobulin.

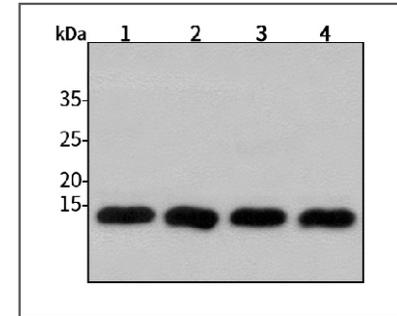
Purification Polyclonal antibody was purified by Protein A affinity chromatography.

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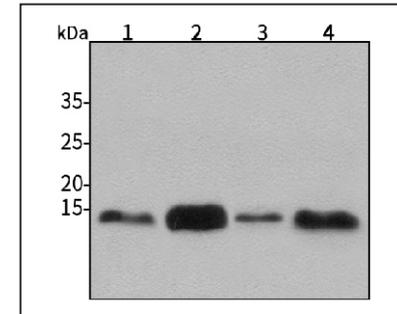
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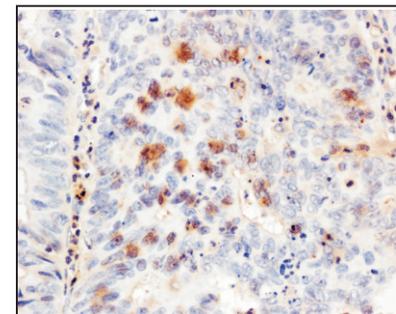
Product Images

Western blot-Anti- β -2-microglobulin pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti- β -2-microglobulin at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 14 kDa
 Observed band size: 14 kDa

Western blot-Anti- β -2-microglobulin pAb

Lane 1: Mouse kidney tissue lysate
 Lane 2: Mouse heart tissue lysate
 Lane 3: Rat brain tissue lysate
 Lane 4: Rat stomach tissue lysate
 All lanes: Anti- β -2-microglobulin at 1:1000 dilution
 Lysates/proteins at 20-50 μ g per lane.
 Predicted band size: 14 kDa
 Observed band size: 14 kDa

Immunohistochemistry-Anti- β -2-microglobulin pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti- β -2-microglobulin Rabbit Antibody at 1:200 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

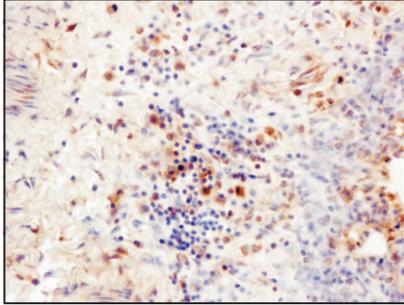
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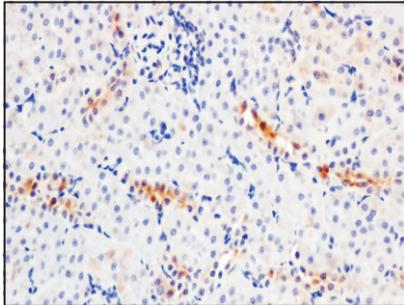
Product Images



Immunohistochemistry-Anti- β -2-microglobulin pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti- β -2-microglobulin Rabbit Antibody at 1:400 dilution.

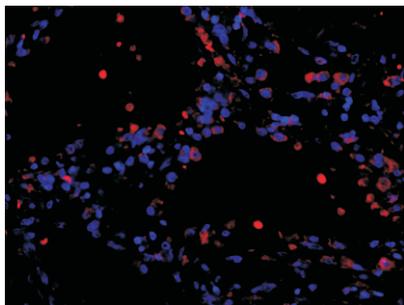
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti- β -2-microglobulin pAb

Immunohistochemical analysis of paraffin-embedded rat kidney using anti- β -2-microglobulin Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti- β -2-microglobulin pAb

Immunofluorescence analysis of paraffin-embedded human lung cancer using anti- β -2-microglobulin Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

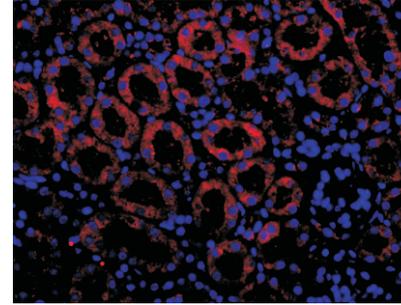
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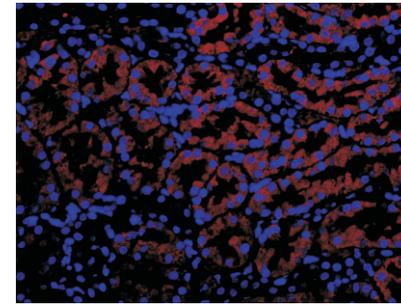
Product Images



Immunofluorescence-Anti- β -2-microglobulin pAb

Immunofluorescence analysis of paraffin-embedded mouse kidney using anti- β -2-microglobulin Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti- β -2-microglobulin pAb

Immunofluorescence analysis of paraffin-embedded rat kidney using anti- β -2-microglobulin Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0