

Anti-β-2-microglobulin Rabbit pAb



WL03087

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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 and Cell membrane	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/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.

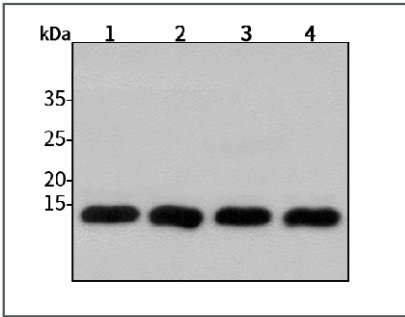
Anti-β-2-microglobulin Rabbit pAb



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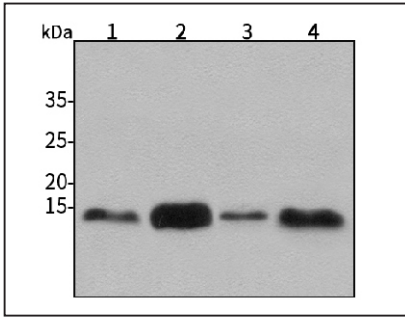
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Product Images



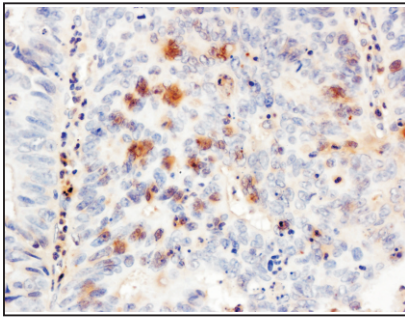
Western blot-Anti-β-2-microglobulin pAb

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 μg 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 μg 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

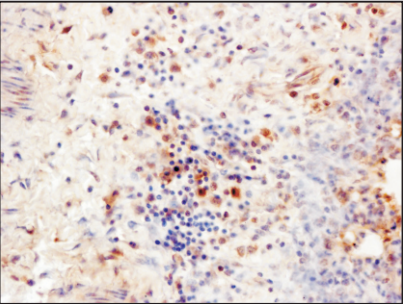
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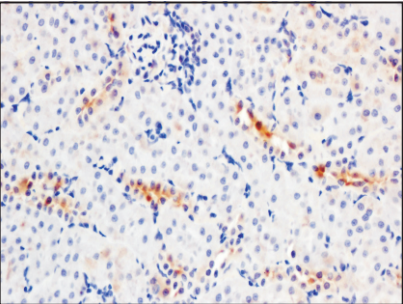
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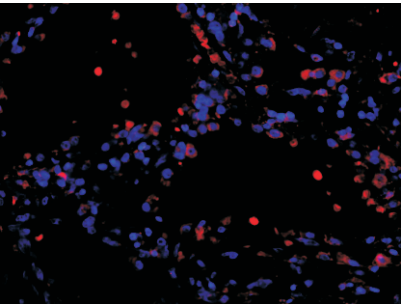
Product Images



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 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

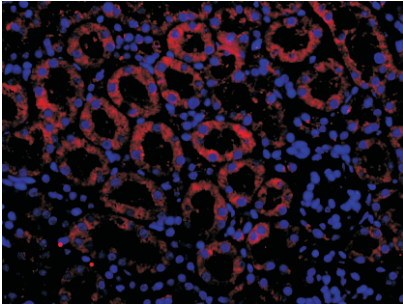
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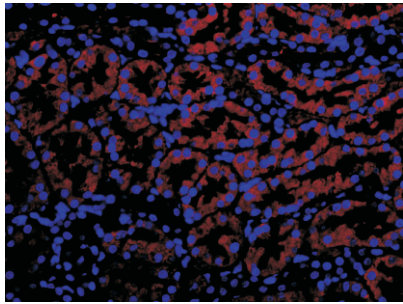
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Immunofluorescence-Anti-β-2-microglobulin pAb
Immunofluorescence analysis of paraffin-embedded mouse kidney using anti-β-2-microglobulin Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



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