

Anti-Perforin Rabbit pAb



WL01116

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Perforin Rabbit pAb		
Source	Rabbit		
Species reactivity	Human		
Tested applications	Western blot	1:1000-1:2000	
	Immunohistochemistry	1:50	
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>		
Molecular Wt.	Predicted band size: 61 kDa		
	Observed band size: 55 kDa		
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

Perforin is a pore-forming protein that facilitates the entry of cytotoxic serine proteases, such as granzymes, into target cells by forming transmembrane channels in target cell membranes. Perforin is primarily expressed in cytotoxic T lymphocytes (CTL) and natural killer (NK) cells, but has also been observed in an astrocyte population of the human brain. It has been shown that abrogation of perforin function by Ca²⁺-complexing agents leads to decreased levels of necrosis, demonstrating that both necrosis and apoptosis contribute to CTL-mediated cytotoxicity.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Perforin.

Purification

Polyclonal antibody was purified by protein A affinity chromatography.

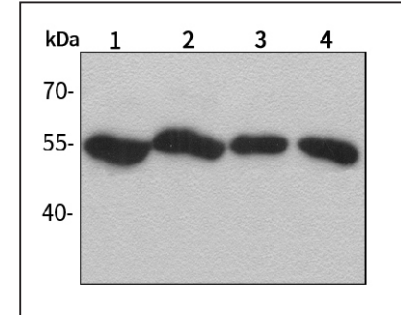
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Product Images



Western blot-Anti-Perforin pAb

Lane 1: Human MGC-803 cell lysate 20µg

Lane 2: Human SGC-7901 cell lysate 20µg

Lane 3: Human Caco2 cell lysate 20µg

Lane 4: Human MCF-7 cell lysate 20µg

Separation gel: 10% polyacrylamide

Electrophoresis: 100V, 4°C, 3h

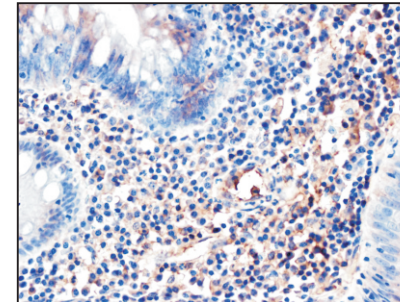
Transmembrane: 100V, 4°C, 1h

Blocking: 5% w/v nonfat dry milk, 1×TBST, at RT with gentle shaking

Primary antibody: 1:1000 in blocking buffer, 4°C, overnight

Secondary antibody-HRP: 1:7000 in blocking buffer, RT, 45min

Visualization: ECL



Immunohistochemistry-Anti-Perforin pAb

Sample: Human colon cancer tissue

Antigen retrieval: pH 9.0 Tris-EDTA buffer

Primary antibody: 1:50, 4°C, overnight

Secondary antibody-Biotin: 1:150, 37°C, 1h

Streptavidin-HRP: 1:200, 37°C, 30min

Color Developing: DAB