

## Product Datasheet

### Anti-ALPL Rabbit pAb



For Research Use Only. Not For Use In Diagnostic Procedures

WL00830

#### Product Information

<b>Product name</b>	Anti-ALPL Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC, IF	1:50-1:200
<b>Cellular localization</b>	Cell membrane, Mitochondrion.	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	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

<b>Background</b>	There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is a component of the gut mucosal defense system and is thought to function in the detoxification of lipopolysaccharide, and in the prevention of bacterial translocation in the gut.
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<b>Immunogen</b>	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of ALPL.
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<b>Purification</b>	Polyclonal antibody was purified by immunogen affinity chromatography.
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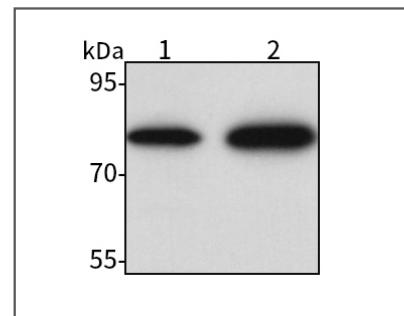
### Anti-ALPL Rabbit pAb



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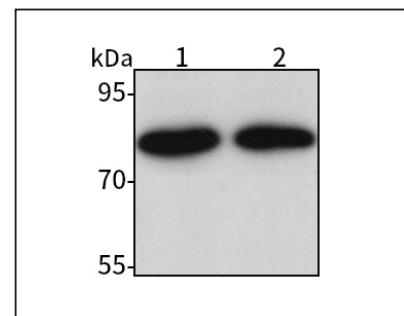
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#### Product Images



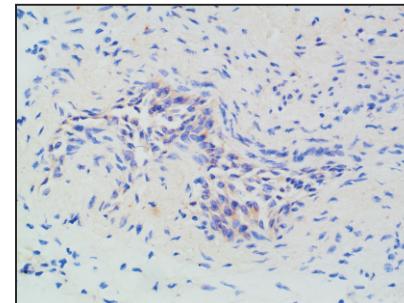
**Western blot-Anti-ALPL pAb**

Lane 1: Human Hela cell lysate  
Lane 2: Human A2780 cell lysate  
All lanes: Anti-ALPL at 1:1000 dilution  
Lysates/proteins at 20-50 µg per lane.  
Predicted band size:56 kDa  
Observed band size:80 kDa



**Western blot-Anti-ALPL pAb**

Lane 1: Mouse lung tissue lysate  
Lane 2: Rat liver tissue lysate  
All lanes: Anti-ALPL at 1:1000 dilution  
Lysates/proteins at 20-50 µg per lane.  
Predicted band size:56 kDa  
Observed band size:80 kDa



**Immunohistochemistry-Anti-ALPL pAb**

Immunohistochemical analysis of paraffin-embedded mouse bladder using anti-ALPL Rabbit Antibody at 1:100 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

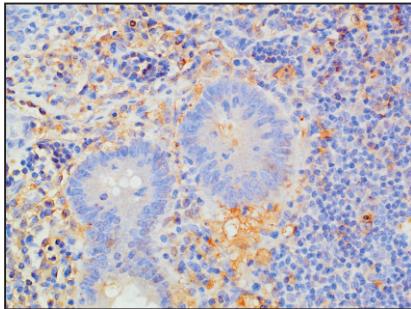
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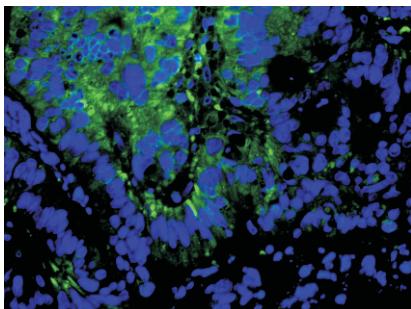
### Product Information



#### Immunohistochemistry-Anti-ALPL pAb

Immunohistochemical analysis of paraffin-embedded rat intestine using anti-ALPL Rabbit Antibody at 1:100 dilution.

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



#### Immunofluorescence-Anti-ALPL pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-ALPL Rabbit Antibody at 1:100 dilution.

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