Product **Datasheet**

Anti-Trail Rabbit pAb

WL02610

For Research Use Only.Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Trail Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Western blot	1:1000-1:2000
	Immunohistochemistry	1:200-1:600
Cellular localization	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

Tumor necrosis factor (TNF)-related apoptosis-inducing ligand (TRAIL), also referred to as Apo2 ligand, first identified based on its sequence homology to TNF and Fas/Apo ligand is a member of the TNF family of cytokines and either exists as a type II membrane or soluble protein. The morphological and cellular changes caused by the introduction of soluble TRAIL to Jurkat cells are indistinguishable from those caused by the introduction of soluble FAS-L. Osteoprotegerin (OPG) has also been identified as receptor capable of inhibiting TRAIL-induced apoptosis. The selectivity of soluble TRAIL at triggering apoptosis in transformed cells as compared to normal cells has led to its investigation as a potential cancer therapeutic.

Immunogen

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

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

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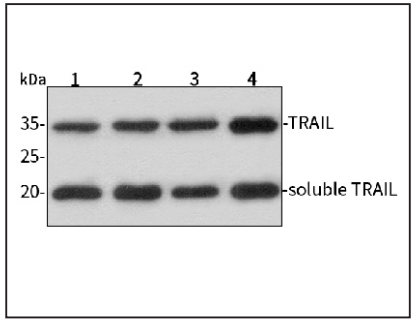
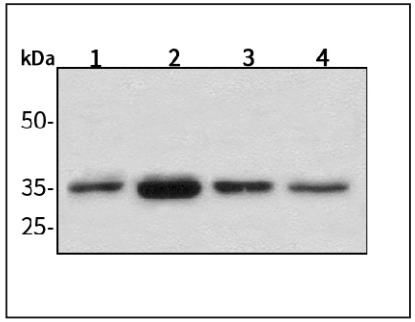
Product Images



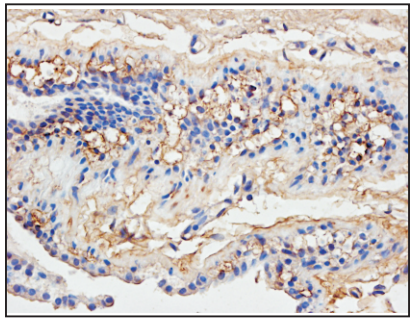
Western blot-Anti-Trail pAb

Lane 1: Human HepG2 cell lysate 30μg
Lane 2: Human Hela cell lysate 30μg
Lane 3: Human BGC-823 cell lysate 30μg
Lane 4: Human MGC-803 cell lysate 30μg
All lanes: Anti-Trail at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 33 kDa
Observed band size: 20，33 kDa



Western blot-Anti-Trail pAb

Lane 1: Mouse kidney tissue lysate 30μg
Lane 2: Mouse heart tissue lysate 30μg
Lane 3: Rat brain tissue lysate 30μg
Lane 4: Rat stomach tissue lysate 30μg
All lanes: Anti-Trail at 1:1000 dilution
Lysates/proteins at 20-50 μg per lane.
Predicted band size: 33 kDa
Observed band size: 20，33 kDa



Immunohistochemistry-Anti-Trail pAb

Sample: Human breast cancer tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:400, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB

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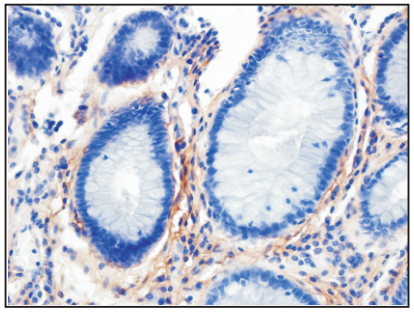
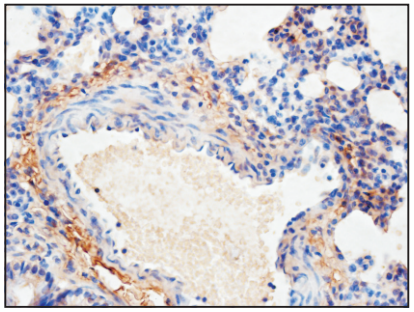


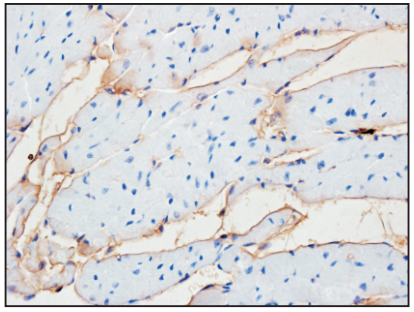
Immunohistochemistry-Anti-Trail pAb

Sample: Human colon tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:400, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-Trail pAb

Sample: Rat lung (LPS treated) tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB



Immunohistochemistry-Anti-Trail pAb

Sample: Mouse heart tissue
Antigen retrieval: pH 9.0 Tris-EDTA buffer
Primary antibody: 1:200, 4°C, overnight
Secondary antibody-Biotin: 1:150, 37°C, 1h
Streptavidin-HRP: 1:200, 37°C, 30min
Color Developing: DAB