

Datasheet for ABIN5647315
anti-TNFSF18 antibody

3 Images

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Overview

Quantity:	100 µg
Target:	TNFSF18
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TNFSF18 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA (Capture)

Product Details

Immunogen:	A recombinant human protein corresponding to amino acids F70-S199 was used as the immunogen for the TNFSF18 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	TNFSF18
Alternative Name:	GITRL / TNFSF18 (TNFSF18 Products)
Background:	Tumor necrosis factor ligand superfamily member 18, also known as AITRL or GITRL, is a protein that in humans is encoded by the TNFSF18 gene. The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor(TNF) ligand family. It is mapped to 1q25.1.

Target Details

TNFSF18 is a ligand for receptor TNFRSF18/AITR/GITR. It has been shown to modulate T lymphocyte survival in peripheral tissues. This cytokine is also found to be expressed in endothelial cells, and is thought to be important for interaction between T lymphocytes and endothelial cells. TNFSF18-dependent modulation of tryptophan catabolism may represent an important mechanism of action of glucocorticoids, both physiologically and therapeutically.

UniProt: [Q9UNG2](#)

Application Details

Application Notes: Optimal dilution of the TNFSF18 antibody should be determined by the researcher.\. Western Blot: 0.5-1 µg/mL,IHC (FFPE): 1-2 µg/mL,ELISA (Capture, recombinant human protein): 0.1-0.5 µg/mL (BSA-free format available)

Restrictions: For Research Use only

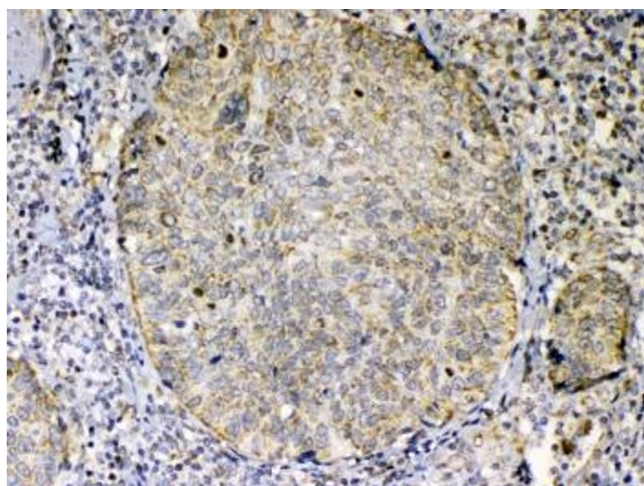
Handling

Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

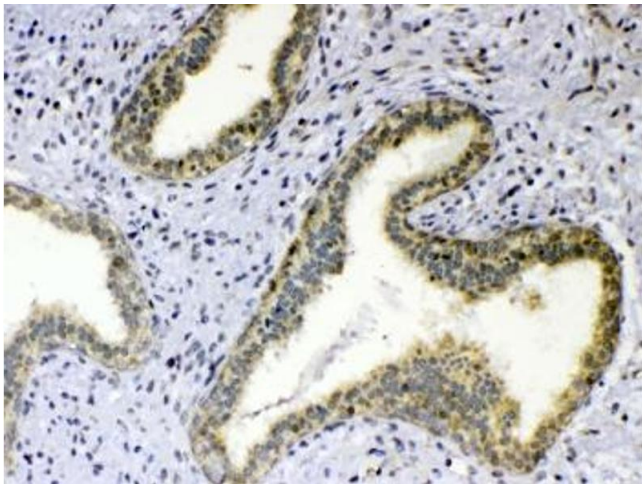
Storage Comment: After reconstitution, the TNFSF18 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



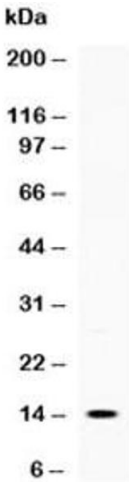
Immunohistochemistry

Image 1. IHC testing of FFPE human lung cancer tissue with TNFSF18 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Immunohistochemistry

Image 2. IHC testing of FFPE human breast cancer tissue with TNFSF18 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Western Blotting

Image 3. Western blot testing of 1ng of recombinant human protein with TNFSF18 antibody at 0.5ug/ml.