Anti-TNFRSF1B antibody

Cat. No.	ml121349
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-TNFRSF1B rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human TNFRSF1B
Reactivity	Human
Content	0.1 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	TNFRSF1B
Full name	Tumor necrosis factor receptor superfamily, member 1B
Synonyms	p75; TBPII; TNFBR; TNFR2; CD120b; TNFR1B; TNFR80; TNF-R75; p75TNFR; TNF-R-II
Swissprot	P20333

Target Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.
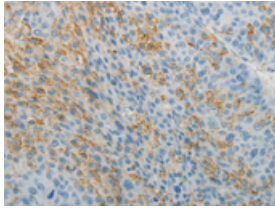
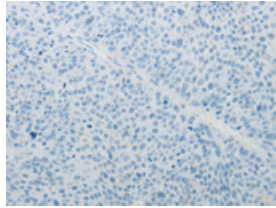## Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

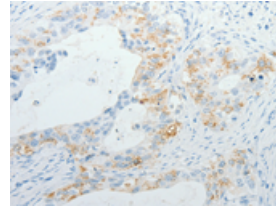Positive control: Human liver cancer

Recommended dilution: 5-20

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml121349(TNFRSF1B Antibody) at dilution 1/5, on the right is treated with fusion protein. (Original magnification: ×200)
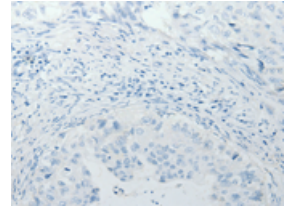
Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 5-20

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml121349(TNFRSF1B Antibody) at dilution 1/5, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size:48 kDa

Positive control:Human colon cancer
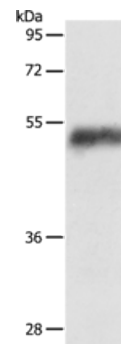
Recommended dilution: 200-1000

Gel: 10%SDS-PAGE

Lysate: 40 μg

Lane: Human colon cancer tissue

Primary antibody: ml121349(TNFRSF1B Antibody) at dilution 1/100

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute

ELISA

Recommended dilution: 1000-2000

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