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Datasheet for ABIN1169238
anti-TNFRSF10A antibody

2 Images

Overview

Quantity:	100 µg
Target:	TNFRSF10A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant human TRAIL-R1 (DR4).
Clone:	TR1-02
Isotype:	IgG2b
Specificity:	Recognizes human TRAIL-R1.
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Does not cross-react with human TRAIL-R2, -R3 or -R4.
Purification:	Purified from concentrated hybridoma tissue culture supernatant.
Purity:	>95 % (SDS-PAGE)

Target Details

Target:	TNFRSF10A
Alternative Name:	TRAIL-R1 (TNFRSF10A Products)

Target Details

Background:	TRAIL-R1 is a receptor for the cytotoxic ligand TRAIL. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Promotes the activation of NF-kappaB.
UniProt:	O00220
Pathways:	Apoptosis , Positive Regulation of Endopeptidase Activity

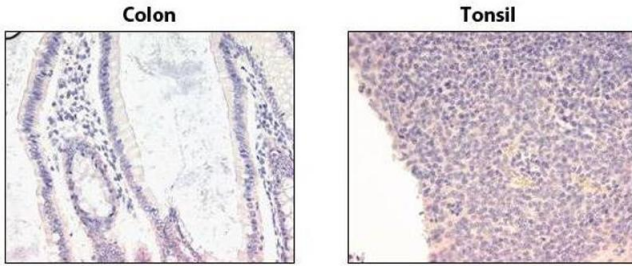
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Specially developed for the immunohistochemical detection of TRAIL-R1 in paraffin embedded tissue. Has been shown to detect TRAIL-R1 expressed at endogenous levels in paraffin-embedded tissue in different mammary carcinoma tissues.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	In PBS containing 10 % glycerol and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Short Term Storage: +4°C Long Term Storage: -20°C Stable for at least 1 year after receipt when stored at -20°C.
Expiry Date:	12 months

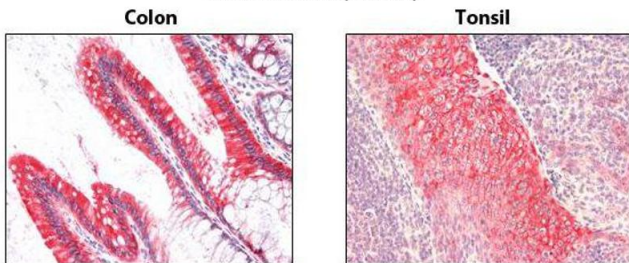
Negative Control



Immunohistochemistry

Image 1. Negative control.

anti-TRAIL-R1 (TR1.02)



Immunohistochemistry

Image 2. Immunohistochemistry detection of endogenous TRAIL-R1 in paraffin-embedded human carcinoma tissues (colon, tonsil) using mAb to TRAIL-R1 (TR1.02) .