Recombinant DR5 Monoclonal Antibody

catalog number: AN301856L

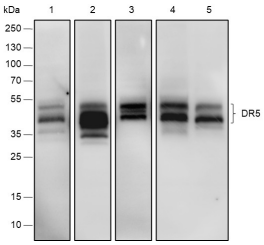
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;
Immunogen	Recombinant human DR5 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A568
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000

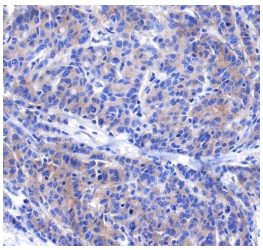
Data



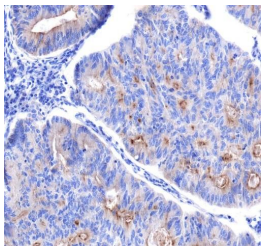
Western Blot with DR5 Monoclonal Antibody at dilution of 1:5000. Lane 1: K562, Lane 2: HT-1080, Lane 3: HeLa, Lane 4: HCT-116, Lane 5: LNCaP

Observed-MW:40,48 kDa

Calculated-MW:48 kDa



Immunohistochemistry of paraffin-embedded Human colon cancer using DR5 Monoclonal Antibody at dilution of 1:1000.



Immunohistochemistry of paraffin-embedded Human endometrial cancer using DR5 Monoclonal Antibody at dilution of 1:1000.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Toll-free: 1-888-852-8623
Web: www.elabscience.com
Tel: 1-832-243-6086
Email: techsupport@elabscience.com
Fax: 1-832-243-6017

DR5, also known as CD262, TNFRSF10B, TRAILR2, TRICK2 and KILLER, is a widely expressed single-pass type I membrane protein belonging to the tumour necrosis factor receptor superfamily (TNFRSF). It is a receptor for TNF-related apoptosis-inducing ligand (TRAIL), which is a member of the tumor necrosis factor (TNF) family of cytokines and induces apoptosis in a wide variety of cells. DR5 contains two extracellular cysteine-rich repeats, typical for TNF receptor (TNFR) family members, and a cytoplasmic death domain (DD), through which DR5 is capable to transmit the apoptotic signal. In PDAC cells, especially Panc89 cells, it expresses additionally to the approximately 48 and 40 kDa forms of DR5, a faster migrating variant of DR5 of about 32 kDa. The TRAIL receptor 2 (death receptor 5, or DR5) forms receptor dimers in a ligand-dependent manner.

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