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Datasheet for ABIN7193268
anti-TNFRSF1B antibody (AA 23-257)

4 Images

Overview

Quantity:	0.1 mg
Target:	TNFRSF1B
Binding Specificity:	AA 23-257
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TNFRSF1B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD120B (AA: extra 23-257) expressed in E. coli.
Clone:	7G8B6
Isotype:	IgG1
Purification:	purified

Target Details

Target:	TNFRSF1B
Alternative Name:	CD120B (TNFRSF1B Products)
Background:	Description: The protein encoded by this gene is a member of the TNF-receptor superfamily.

Target Details

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.

Aliases: TNFRSF1B, p75, TBPII, TNFBR, TNFR2, TNFR1B, TNFR80, TNF-R75, p75TNFR, TNF-R-II

Molecular Weight: 48.3 kDa

Gene ID: 7133

Pathways: [NF-kappaB Signaling](#), [Apoptosis](#), [Cellular Response to Molecule of Bacterial Origin](#), [Hepatitis C](#), [Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400, ICC: N/A, IHC: N/A

Restrictions: For Research Use only

Handling

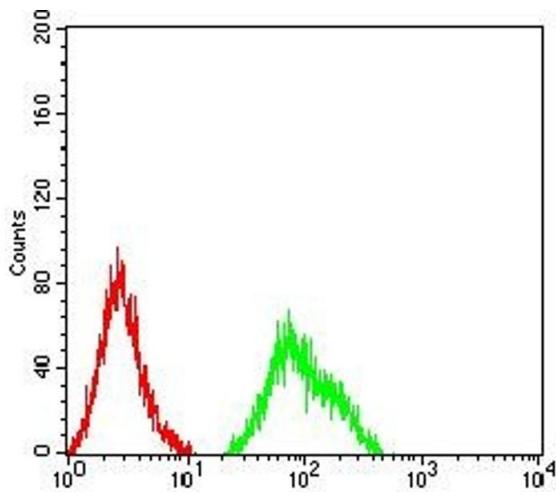
Buffer: Purified antibody in PBS with 0.05 % sodium azide

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

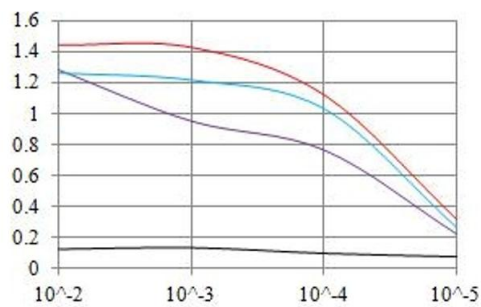
Storage Comment: 4°C, -20°C for long term storage



Flow Cytometry

Image 1. Flow cytometric analysis of Ramos cells using CD120B mouse mAb (green) and negative control (red).

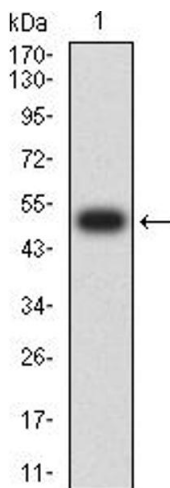
O.D. ELISA Result



— Control Antigen = 100ng — Antigen = 10ng
 — Antigen = 50ng — Antigen = 100ng

ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using CD120B mAb against human CD120B (AA: extra 23-257) recombinant protein. (Expected MW is 51 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193268.