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Datasheet for ABIN1169199
anti-TICAM2 antibody (AA 2-29)

1 Publication

Overview

Quantity:	50 µL
Target:	TICAM2
Binding Specificity:	AA 2-29
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide corresponding to aa 2-29 (G2IGKSKINSCPLSLSWGKRHSVDTPGY29) of human TRAM.
Specificity:	Recognizes human TRAM.
Cross-Reactivity:	Human

Target Details

Target:	TICAM2
Alternative Name:	TRAM (TICAM2 Products)
Background:	TRAM functions in LPS-TLR4 signaling to regulate the MYD88-independent pathway during the innate immune response to LPS. It is also involved in IL-1-triggered NF-kappaB activation, functioning upstream of IRAK1, IRAK2, TRAF6 and IKBKB. TRAM physically bridges TLR4 and TICAM-1 and functionally transmits LPS-TLR4 signal to TICAM-1. It is expressed in spleen,

Target Details

prostate, testis, uterus, small intestine, colon, peripheral blood leukocytes, heart, placenta, lung, liver, skeletal muscle and pancreas.

UniProt: [Q86XR7](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Neat serum containing 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

Publications

Product cited in: Terpos, Katodritou, Symeonidis, Zagouri, Gerofotis, Christopoulou, Gavriatopoulou, Christoulas, Ntanasias-Stathopoulos, Kourakli, Konstantinidou, Kastritis, Dimopoulos: "Effect of induction therapy with lenalidomide, doxorubicin and dexamethasone on bone remodeling and angiogenesis in newly diagnosed multiple myeloma." in: **International journal of cancer**, Vol. 145, Issue 2, pp. 559-568, (2019) ([PubMed](#)).

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enhanced by intermittent pneumatic compression upregulating collagen type I synthesis." in: **Knee surgery, sports traumatology, arthroscopy : official journal of the ESSKA**, Vol. 26, Issue 7, pp. 2021-2029, (2018) ([PubMed](#)).

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Rubiś, Wiśniowska-Śmiałek, Biernacka-Fijałkowska, Rudnicka-Sosin, Wypasek, Kozanecki, Dziewięcka, Faltyn, Karabinowska, Khachatryan, Hlawaty, Leśniak-Sobelga, Kostkiewicz, Płazak, Podolec: "Left ventricular reverse remodeling is not related to biopsy-detected extracellular matrix fibrosis and serum markers of fibrosis in dilated cardiomyopathy, regardless of the definition used for LVRR." in: **Heart and vessels**, Vol. 32, Issue 6, pp. 714-725, (2016) ([PubMed](#)).

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