Datasheet for ABIN1169018

anti-FLIP antibody (AA 1-480)

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Overview

Quantity:	50 µg
Target:	FLIP (CFLAR)
Binding Specificity:	AA 1-480
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FLIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant human FLIP (aa 1-480).
Clone:	NF6
Isotype:	IgG1
Specificity:	Recognizes short (FLIPS) and long (FLIPL) splice variants of human FLIP. This antibody recognizes an epitope in the N-terminal DED region (aa1-194).
Cross-Reactivity:	Human
Purification:	Purified from concentrated hybridoma tissue culture supernatant.

Target Details

Target:	FLIP (CFLAR)

Target Details

Alternative Name:	FLIP (CFLAR Products)
Background:	FLIP is an apoptosis regulator protein which functions as a crucial link between cell survival and cell death pathways in mammalian cells and acts as an inhibitor of TNFRSF6 mediated apoptosis. A proteolytic fragment (p43) is likely retained in the death-inducing signaling complex (DISC) thereby blocking further recruitment and processing of caspase-8 at the complex. Full length and shorter isoforms have been shown either to induce apoptosis or to reduce TNFRSF-triggered apoptosis. FLIP lacks enzymatic (caspase) activity. FLIP is highly expressed in skeletal muscle, pancreas, heart, kidney, placenta and peripheral blood leukocytes.
UniProt:	O15519
Pathways:	Apoptosis, Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

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:	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

Publications

Product cited in:	Hartwig, Montinaro, von Karstedt, Sevko, Surinova, Chakravarthy, Taraborrelli, Draber, Lafont, Arce Vargas, El-Bahrawy, Quezada, Walczak: "The TRAIL-Induced Cancer Secretome Promotes

a Tumor-Supportive Immune Microenvironment via CCR2." in: **Molecular cell**, Vol. 65, Issue 4, pp. 730-742.e5, (2017) (PubMed).

Golks, Brenner, Krammer, Lavrik: "The c-FLIP-NH2 terminus (p22-FLIP) induces NF-kappaB activation." in: **The Journal of experimental medicine**, Vol. 203, Issue 5, pp. 1295-305, (2006) (PubMed).

Eichhorst, Krueger, Müerköster, Fas, Golks, Gruetzner, Schubert, Opelz, Bilzer, Gerbes, Krammer: "Suramin inhibits death receptor-induced apoptosis in vitro and fulminant apoptotic liver damage in mice." in: **Nature medicine**, Vol. 10, Issue 6, pp. 602-9, (2004) (PubMed).

Jang, Krammer, Salgame: "Lack of proapoptotic activity of soluble CD95 ligand is due to its failure to induce CD95 oligomers." in: **Journal of interferon & cytokine research : the official journal of the International Society for Interferon and Cytokine Research**, Vol. 23, Issue 8, pp. 441-7, (2003) (PubMed).

Leverkus, Sprick, Wachter, Mengling, Baumann, Serfling, Bröcker, Goebeler, Neumann, Walczak: "Proteasome inhibition results in TRAIL sensitization of primary keratinocytes by removing the resistance-mediating block of effector caspase maturation." in: **Molecular and cellular biology**, Vol. 23, Issue 3, pp. 777-90, (2003) (PubMed).

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