

Mouse CANX Monoclonal Antibody | anti-CANX antibody

Mouse anti-Homo sapiens (Human) CANX Monoclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279040	Mouse	African swine fever virus	Flow Cytometry, Functional Assay, Western Blot, ELISA

PRODUCT SYNONYMS

CANX; Monoclonal Antibody; Mouse anti-Homo sapiens (Human) CANX Monoclonal antibody; CANX Monoclonal Antibody; Calnexin; CALX_HUMAN; CNX; FLJ26570; Histocompatibility complex class I antigen binding protein p88; IP90; Major histocompatibility complex class I antigen-binding protein p88; p90; anti-CANX antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	African swine fever virus
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4G3H3
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid; PBS, 0.1% sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-CANX antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Calnexin protein (1-482AA)
Conjugation	Non-conjugated
Research Area	Signal Transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay Peak curve showing Hela cells stained with AAA279040 (red line) at 1:80. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10⁶cells) for 1h at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-Mouse IgG(H+L) at 1/100 dilution for 30min at 4°C. Isotype control antibody (green line) was mouse IgG1 (1ug/1*10⁶cells) used under the same conditions. Acquisition of >10,000 events was performed.



WB (Western Blot)

Western BlotPositive WB detected in: MCF7 whole cell lysate, U87 whole cell lysate, A549 whole cell lysate, Hela whole cell lysate, HepG2 whole cell lysate, JK whole cell lysate, PC-3 whole cell lysate, SY5Y whole cell lysateAll lanes: CANX antibody at 1:2000SecondaryGoat polyclonal to mouse IgG at 1/50000 dilutionPredicted band size: 68, 72, 56 kDaObserved band size: 90 kDaExposure time?5min

NCBI AND UNIPROT INFORMATION

NCBI GI #	66933005
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NCBI GeneID	821
NCBI Accession #	NP_001019820.1
NCBI GenBank Nucleotide #	NM_001024649.1
UniProt Accession #	P27824; B2R5V8; D3DWQ3
Molecular Weight	67,568 Da
NCBI Official Full Name	calnexin
NCBI Official Synonym Full Names	calnexin
NCBI Official Symbol	CANX
NCBI Official Synonym Symbols	CNX; P90; IP90
NCBI Protein Information	calnexin; major histocompatibility complex class I antigen-binding protein p88
UniProt Protein Name	Calnexin
UniProt Gene Name	CANX
UniProt Entry Name	CALX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/canx-antibody-clone-4g3h3-flow-cytometry-western-blot-elisa/279040>