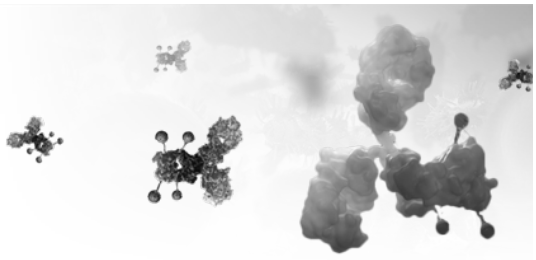

Anti-CANX monoclonal antibody, clone BG29 (DCABH-8501)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Calnexin - ER Membrane Marker
Antigen Description	Calcium-binding protein that interacts with newly synthesized glycoproteins in the endoplasmic reticulum. It may act in assisting protein assembly and/or in the retention within the ER of unassembled protein subunits. It seems to play a major role in the quality control apparatus of the ER by the retention of incorrectly folded proteins.
Immunogen	Focus cells (human hepatoma cell line)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Human
Clone	BG29
Conjugate	Unconjugated
Applications	Flow Cyt, ICC/IF, IP, WB, IHC-P
Positive Control	HeLa cells or Huh-7 cells.
Format	Liquid
Size	100 µg
Buffer	pH: 7.4; Preservative: 0.02% Sodium azide; Constituent: PBS
Preservative	0.02% Sodium Azide

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Storage	Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	CANX calnexin [Homo sapiens]
Official Symbol	CANX
Synonyms	CANX; calnexin; CNX; IP90; major histocompatibility complex class I antigen binding protein p88; P90; major histocompatibility complex class I antigen-binding protein p88; FLJ26570;
Entrez Gene ID	821
Protein Refseq	NP_001019820
UniProt ID	P27824
Chromosome Location	5q35
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen Presentation: Folding, assembly and peptide loading of class I MHC, organism-specific biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; Assembly of Viral Components at the Budding Site, organism-specific biosystem; Calnexin/calreticulin cycle, organism-specific biosystem;
Function	calcium ion binding; protein binding; sugar binding; unfolded protein binding;

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