



Anti-CANX monoclonal antibody, clone UP-6 (DCABH-8967)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Calnexin
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	A synthetic peptide corresponding to amino acids 509-524 of Human calnexin, conjugated to KLH through a N terminal added cysteine
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	UP-6
Purification	Purified immunoglobulins
Conjugate	Unconjugated
Applications	WB, Flow Cyt, ICC, Indirect ELISA
Positive Control	Total cell extract of HeLa cells
Format	Liquid
Size	100 µl
Buffer	Preservative: 15mM Sodium Azide; Constituents: 0.1M PBS, pH 7.4

Preservative	15mM Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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;