



Anti-CALR monoclonal antibody, clone GND 86 (DCABH-8136)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Calreticulin
Antigen Description	Molecular calcium-binding chaperone promoting folding, oligomeric assembly and quality control in the ER via the calreticulin/calnexin cycle. This lectin interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. Interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export.
Specificity	We have customer data suggesting that this antibody does not work in hamster.
Immunogen	Calreticulin-maltose binding fusion protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Human, Monkey, Chinese Hamster
Clone	GND 86
Conjugate	Unconjugated
Applications	WB, IP, ICC, IHC-P
Positive Control	HeLa heat shocked cell lysate.
Format	Liquid
Size	50 µg
Buffer	PBS

Preservative	0.09% Sodium Azide
Storage	store at -20°C. Avoid freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	CALR calreticulin [Homo sapiens]
Official Symbol	CALR
Synonyms	CALR; calreticulin; autoantigen Ro; cC1qR; CRT; FLJ26680; RO; Sicca syndrome antigen A (autoantigen Ro; calreticulin); SSA; CRP55; ERp60; HACBP; grp60; calregulin; endoplasmic reticulum resident protein 60; Sicca syndrome antigen A (autoantigen Ro; calret
Entrez Gene ID	811
Protein Refseq	NP_004334
UniProt ID	P27797
Chromosome Location	19p13.3-p13.2
Pathway	Activation of Chaperone Genes by ATF6-alpha, organism-specific biosystem; Activation of Chaperones by ATF6-alpha, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Androgen Receptor Signaling Pathway, 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;
Function	DNA binding; androgen receptor binding; calcium ion binding; calcium ion binding; carbohydrate binding; chaperone binding; complement component C1q binding; hormone binding; integrin binding; iron ion binding; mRNA binding; peptide binding; protein bindin