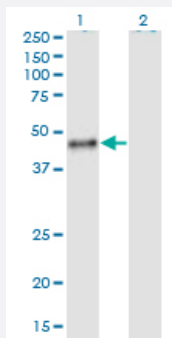


CALU monoclonal antibody (M02), clone 6C8

Catalog # H00000813-M02

Size 100 ug

Applications

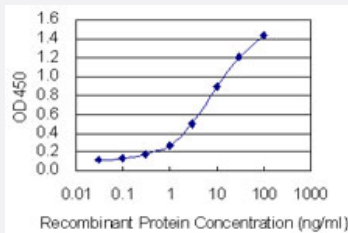


Western Blot (Transfected lysate)

Western Blot analysis of CALU expression in transfected 293T cell line by CALU monoclonal antibody (M02), clone 6C8.

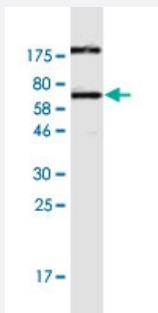
Lane 1: CALU transfected lysate (Predicted MW: 37.1 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CALU is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (63.5 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant CALU.

Immunogen	CALU (NP_001210.1, 1 a.a. ~ 315 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDLRQFLMCLSLCTAFALSKPTEKKDRVHHEPQLSDKVHNDASFDYDHD AFLGAEEAKTFDQ LTPEESKERLGKIVSKIDGDKDGFVTVDELKDWIKFAQKRWIYEDVERQWKGHDLNEDGLVSWE EYKNATYGYVLDDPD PD DGFNYKQMMVRDERRFKMADKDGDLIATKEEFTAF LHP E EYDYM KDI VVQETMEDIDKNADGFIDLEEYIGDMYSHDGNTDEPEWVKTEREQFVEFRDKNRDGKMDKEETK DWILPSDYDHAEAEARHLVYESDQNKDGKLTKEEMDKYDLFVGSQATDFGEALVRHDEF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (91)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (63.5 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CALU expression in transfected 293T cell line by CALU monoclonal antibody (M02), clone 6C8.

Lane 1: CALU transfected lysate (Predicted MW: 37.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CALU is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CALU

Entrez GeneID [813](#)

GeneBank Accession# [NM_001219.2](#)

Protein Accession# [NP_001210.1](#)

Gene Name CALU

Gene Alias FLJ90608

Gene Description calumenin

Omim ID [603420](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene is a calcium-binding protein localized in the endoplasmic reticulum (ER) and it is involved in such ER functions as protein folding and sorting. This protein belongs to a family of multiple EF-hand proteins (CERC) that include reticulocalbin, ERC-55, and Cab45 and the product of this gene. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations crocalbin-like protein|multiple EF-hand protein

Disease

- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Cerebrovascular Accident](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Hemorrhage](#)