

12-90481: Anti-CALR antibody(1A8), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	1A8
Application :	ELISA
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	CALR
Uniprot ID :	P27797
Alternative Name :	cC1qR;CRT;HEL-S-99n;RO;SSA
Isotype :	Rabbit mAb

Description

Calreticulin is a highly conserved chaperone protein which resides primarily in the endoplasmic reticulum, and is involved in a variety of cellular processes, among them, cell adhesion. Additionally, it functions in protein folding quality control and calcium homeostasis. Calreticulin is also found in the nucleus, suggesting that it may have a role in transcription regulation. Systemic lupus erythematosus is associated with increased autoantibody titers against calreticulin. Recurrent mutations in calreticulin have been linked to various neoplasms, including the myeloproliferative type.[provided by RefSeq, May 2020]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

ELISA 1/5000-10000

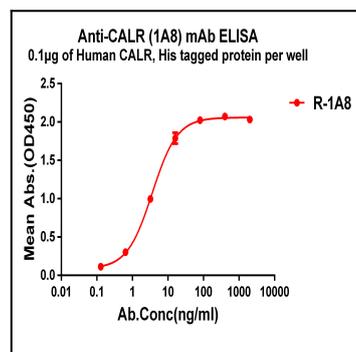


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human CALR Protein can bind Rabbit anti-CALR monoclonal antibody(clone: 1A8) in a linear range of 1-50 ng/ml.