

12-90485: Anti-S100A9 antibody(1E12), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	1E12
Application :	ELISA
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	S100A9
Uniprot ID :	P06702
Alternative Name :	MIF;NIF;P14;CAGB;CFAG;CGLB;LIAG;LIAG;MRP14;60B8AG;MAC387;S100-A9
Isotype :	Rabbit mAb

Description

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis. This antimicrobial protein exhibits antifungal and antibacterial activity. [provided by RefSeq, Nov 2014]

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

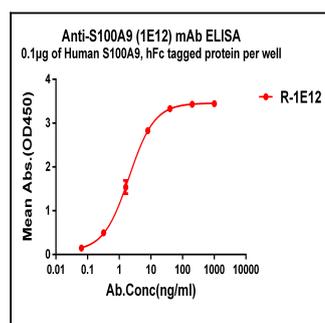


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human S100A9 Protein can bind Rabbit anti-S100A9 monoclonal antibody (clone: 1E12) in a linear range of 0.05-10 ng/ml.