

**PRODUCT INFORMATION**

<b>Clone ID</b>	1E12
<b>Target</b>	S100A9
<b>Synonyms</b>	MIF;NIF;P14;CAGB;CFAG;CGLB;LIAG;LIAG;MRP14;60B8AG;MAC387;S100-A9
<b>Host Species</b>	Rabbit
<b>Description</b>	Anti-S100A9 antibody(1E12), Rabbit mAb
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P06702
<b>IgG type</b>	Rabbit mAb
<b>Clonality</b>	Monoclonal
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 1/5000-10000
<b>Purification</b>	Purified from cell culture supernatant by affinity chromatography
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	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.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
<b>Background</b>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



### Anti-S100A9 (1E12) mAb ELISA

0.1 $\mu$ g of Human S100A9, hFc tagged protein per well

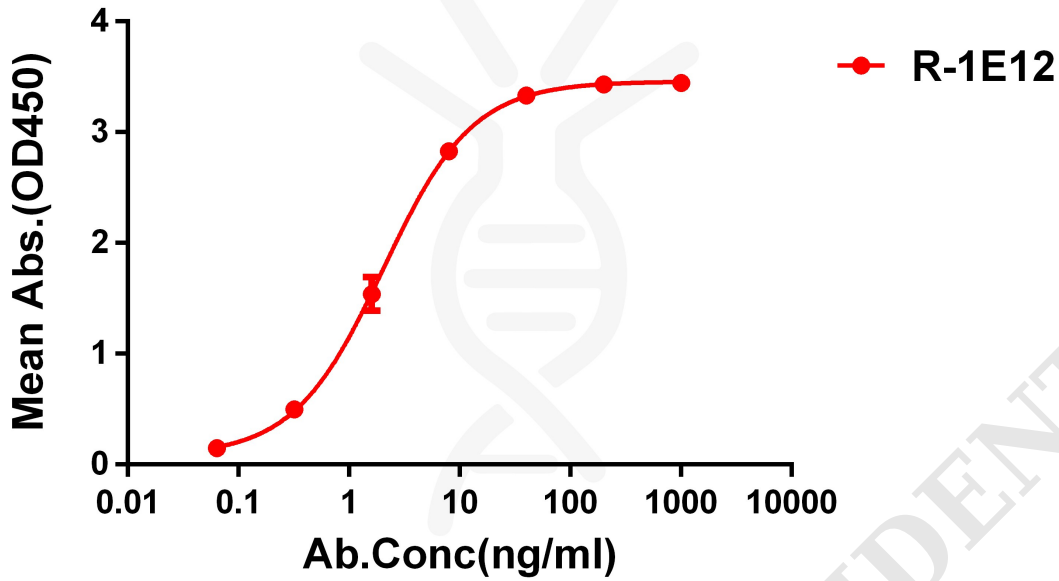


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human S100A9 Protein can bind Rabbit anti-S100A9 monoclonal antibody(clone: 1E12) in a linear range of 0.05-10 ng/ml.

