





S100A12 Antibody

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Uniprot No. P80511 Immunogen Recombinant Human Protein S100-A12 protein (1-92AA) Raised In Rabbit Species Reactivity Human Tested Applications ELISA Relevance S100A12 is a calcium-, zinc- and copper-binding protein which plays a prominent role in the regulation of inflammatory processes and immune response. Its proinflammatory activity involves recruitment of leukocytes, promotion of cytokine and chemokine production, and regulation of leukocytes, adhesion and migration. Acts as an alarmin or a danger associated molecule pattern (DAMP) molecule and stimulates innate immune cells via binding to receptor for advanced glycation endproducts (AGER). Binding to AGER activates the MAP-kinase and NF-kappa-B signaling pathways leading to production of proinflammatory cytokines and up-regulation of cell adhesion molecules ICAM1 and VCAM1. Acts as a monocyte and mast cell chemoattractant. Can stimulate mast cell degranulation and activation whice generates chemokines, histamine and cytokines inducing further leukocyte recruitment to the sites of inflammation. Can inhibit the activity of matrix metalloproteinases; MMP2, MMP3 and MMP9 by chelating Zn2+ from their active sites. Possesses filariacidal and filariastatic activity. Calcitermin possesses antifungal activity against C.albicans and is also active against I and P.aeruginosa but not L.monocytogenes and S.aureus. Form Liquid Conjugate Non-conjugated Storage Buffer PBS with 0.02% sodium azide, 50% glycerol, pH7.3. Autigen Affinity Purified Isotype IgG Clonality Polyclonal Alias Protein S100-A12 (CGRP) (Calcium-binding protein in amniotic fluid 1) (CA (Calgranulin-C) (CAGC) (Extracellular newly identified RAGE-binding protein (EN-RAGE) (Migration inhibitory factor-related protein 6) (MRP-6) (p6) (Neutrophil S100 protein) (S100 calcium-binding protein A12) [Cleaved into Calcitermin], S100A12	Product Code	CSB-PA020626ESR2HU
Raised In Rabbit	Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
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Purification Method	Conjugate	Non-conjugated
Isotype IgG Clonality Polyclonal Alias Protein S100-A12 (CGRP) (Calcium-binding protein in amniotic fluid 1) (CA (Calgranulin-C) (CAGC) (Extracellular newly identified RAGE-binding protein (EN-RAGE) (Migration inhibitory factor-related protein 6) (MRP-6) (p6) (Neutrophil S100 protein) (S100 calcium-binding protein A12) [Cleaved into Calcitermin], S100A12 Species Human	Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
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•	Alias	(Neutrophil S100 protein) (S100 calcium-binding protein A12) [Cleaved into:
Research Area Immunology	Species	Human
	Research Area	Immunology
Target Names S100A12	Target Names	S100A12