

Immunotag™ S10A9 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN0066
Product Description	Immunotag™ S10A9 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	S10A9
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein, at AA range: 40-120
Specificity	S10A9 Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	S100A9 CAGB CFAG MRP14
Accession No.	P06702 P31725 P50116

Antibody Specification

Description	S100 calcium binding protein A9(S100A9) Homo sapiens 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],
Protein Expression	Keratinocyte,Liver,Lung,
Subcellular Localization	extracellular region,extracellular space,nucleus,cytosol,cytoskeleton,plasma membrane,extracellular matrix,extracellular exosome,
Protein Function	function:Expressed by macrophages in acutely inflammated tissues and in chronic inflammations. Seem to be an inhibitor of protein kinases. Also expressed in epithelial cells constitutively or induced during dermatoses. May interact with components of the intermediate filaments in monocytes and epithelial cells.,miscellaneous:Has been shown to bind calcium.,similarity:Belongs to the S-100 family.,similarity:Contains 2 EF-hand domains.,subunit:Interacts with CEACAM3 in a calcium-dependent manner.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.