

anti-Mouse, Rat MRP8 Polyclonal Antibody | anti-MRP8 antibody

Anti-MRP8 Antibody

CATALOG # AAA46505	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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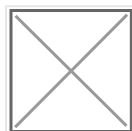
PRODUCT SYNONYMS

MRP8; Polyclonal Antibody; Anti-MRP8 Antibody; Protein S100-A8; 60B8Ag; AI323541; B8Ag; BEE11; CAGA; Calgranulin-A; Calprotectin L1L subunit; Calprotectin; included; CFAG; CGLA; Chemotactic cytokine CP-10; CP-10; Cystic fibrosis antigen; L1Ag; Leukocyte L1 complex light chain; MA387; MIF; Migration inhibitory factor-related protein 8; MRP-8; Myeloid-related protein 8; Neutrophil cytosolic 7 kDa protein; NIF; p8; Pro-inflammatory S100 cytokine; S100 calcium binding protein A8 (calgranulin A); S100 calcium binding protein A8; S100 calcium-binding protein A8; S100A8; S100A8/S100A9 complex; S10A8_HUMAN; Urinary stone protein band A; anti-MRP8 antibody

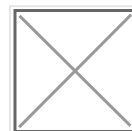
PRODUCT SPECIFICATIONS

Reactivity	Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	89
Applicable Applications for anti-MRP8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived mouse MRP8 recombinant protein (Position: P2-E89). Mouse MRP8 shares 58.6% and 80.5% amino acid (aa) sequence identity with human and rat MRP8, respectively.
Ig Type	Rabbit IgG
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

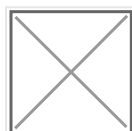
IMAGES


IHC (Immunohistochemistry)

Anti- S100A8 Picoband antibody, AAA46505, IHC(P)IHC(P): Rat Spleen Tissue


IHC (Immunohistochemistry)

Anti- S100A8 Picoband antibody, AAA46505, IHC(P)IHC(P): Mouse Spleen Tissue


WB (Western Blot)

Anti- S100A8 Picoband antibody, AAA46505, Western blottingAll lanes: Anti S100A8 (AAA46505) at 0.5ug/mlWB: Mouse Spleen Tissue Lysate at 50ugPredicted bind size: 11KDObserved bind size: 19KD

ADDITIONAL INFORMATION

Related Product Information for anti-MRP8 antibody	Description: Rabbit IgG polyclonal antibody for Protein S100-A8(S100A8) detection. Tested with WB, IHC-P in Mouse;Rat. Background: S100 calcium-binding protein A8 (S100A8) is a protein that in humans is encoded by the S100A8 gene. It is also known as calgranulin A. 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 as a cytokine. Altered expression of this protein is associated with the disease cystic fibrosis.
References	1. "Entrez Gene: S100A8 S100 calcium binding protein A8". 2. Kerkhoff C, Klempt M, Sorg C (1999). "Novel insights into structure and function of MRP8 (S100A8) and MRP14 (S100A9)". Biochim. Biophys. Acta 1448 (2): 200-11. 3. Schäfer T, Sachse GE, Gassen HG (1991). "The calcium-binding protein MRP-8 is produced by human pulmonary tumor cells.". Biol. Chem. Hoppe-Seyler 372 (1): 1-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7305453
NCBI GeneID	20201
NCBI Accession #	NP_038678.1
NCBI GenBank Nucleotide #	NM_013650.2
UniProt Accession #	P27005; P31724
Molecular Weight	10,295 Da
NCBI Official Full Name	protein S100-A8
NCBI Official Synonym Full Names	S100 calcium binding protein A8 (calgranulin A)
NCBI Official Symbol	S100a8
NCBI Official Synonym Symbols	p8; B8Ag; CFAg; Caga; MRP8; CP-10; 60B8Ag; A1323541
NCBI Protein Information	protein S100-A8
UniProt Protein Name	Protein S100-A8
UniProt Gene Name	S100a8
UniProt Synonym Gene Names	Caga; Mrp8; MRP-8; p8
UniProt Entry Name	S10A8_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.