

Rabbit anti-Human S100A8 Monoclonal Antibody | anti-S100A8 antibody

Recombinant Anti-S100A8 Antibody, Rabbit Monoclonal

CATALOG # AAA27743	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunoprecipitation
------------------------------	-----------------------	----------------------------	--

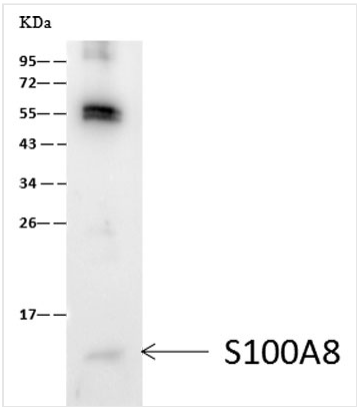
PRODUCT SYNONYMS

S100A8; Monoclonal Antibody; Recombinant Anti-S100A8 Antibody; Rabbit Monoclonal; S100A8 Antibody; Rabbit MAb; S100 calcium binding protein A8; Anti-60B8AG Antibody; Anti-CAGA Antibody; Anti-CFAG Antibody; Anti-CGLA Antibody; Anti-CP-10 Antibody; Anti-L1Ag Antibody; Anti-MA387 Antibody; Anti-MIF Antibody; Anti-MRP-8 Antibody; Anti-MRP8 Antibody; Anti-NIF Antibody; Anti-P8 Antibody; anti-S100A8 antibody

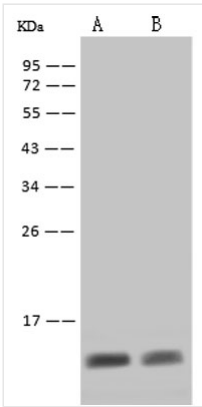
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	203
Specificity	Human S100A8
Purity/Purification	Protein A
Form/Format	0.2um filtered solution in PBS
Applicable Applications for anti-S100A8 antibody	WB (Western Blot), IP (Immunoprecipitation)
Application Notes	WB: 1:500-1:1000 IP: 1-2uL/mg of lysate Optimal concentrations/dilutions should be determined by the end user.
Immunogen	Recombinant Human S100A8 protein
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human S100A8 (rh S100A8,).
Preparation and Storage	This antibody can be stored at 2°C to 8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)
S100A8 was immunoprecipitated using: Lane A: 0.5 mg HL-60 Whole Cell Lysate 1 uL anti-S100A8 rabbit monoclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-S100A8 rabbit monoclonal antibody, at 1:500 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 11 kDa Observed band size :11 kDa



WB (Western Blot)
Anti-S100A8 rabbit monoclonal antibody at 1:500 dilution Lane A: THP-1 Whole Cell Lysate Lane B: HL-60 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 11 kDa Observed band size: 11 kDa

ADDITIONAL INFORMATION

Product Categories/Family for anti-S100A8 antibody	Calcium-binding Proteins and Related Molecules
References	Passey RJ, et al. (1999) S100A8: emerging functions and regulation. J Leukoc Biol. 66(4): 549-56. Gebhardt C, et al. (2006) S100A8 and S100A9 in inflammation and cancer. Biochem Pharmacol. 72(11): 1622-31. Halayko AJ, et al. (2009) S100A8/A9: a mediator of severe asthma pathogenesis and morbidity? Can J Physiol Pharmacol. 87(10): 743-55. Ghavami S, et al. (2009) S100A8/A9: a Janus-faced molecule in cancer therapy and tumorigenesis. Eur J Pharmacol. 625(1-3): 73-83. Ha YS, et al. (2010) mRNA Expression of S100A8 as a Prognostic Marker for Progression of Non-Muscle-Invasive Bladder Cancer. Korean J Urol. 51(1): 15-20.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21614544
NCBI GeneID	6279
NCBI Accession #	NP_002955.2
NCBI GenBank Nucleotide #	NM_002964.4
UniProt Accession #	P05109; Q5SY70; Q9UC84; Q9UC92; Q9UCJ0; Q9UCM6; A8K5L3; D3DV37
NCBI Official Full Name	protein S100-A8
NCBI Official Synonym Full Names	S100 calcium binding protein A8
NCBI Official Symbol	S100A8
NCBI Official Synonym Symbols	P8; MIF; NIF; CAGA; CFAG; CGLA; L1Ag; MRP8; CP-10; MA387; 60B8AG
NCBI Protein Information	protein S100-A8; MRP-8; S100 calcium-binding protein A8 (calgranulin A); calgranulin-A; calprotectin L1L subunit; cystic fibrosis antigen; leukocyte L1 complex light chain; migration inhibitory factor-related protein 8; urinary stone protein band A
UniProt Protein Name	Protein S100-A8
UniProt Gene Name	S100A8
UniProt Synonym Gene Names	CAGA; CFAG; MRP8; CFAG; MRP-8; p8
UniProt Entry Name	S10A8_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/s100a8-antibody-clone-203-western-blot-immunoprecipitation-elisa/27743>