

Product datasheet for **TA301459**

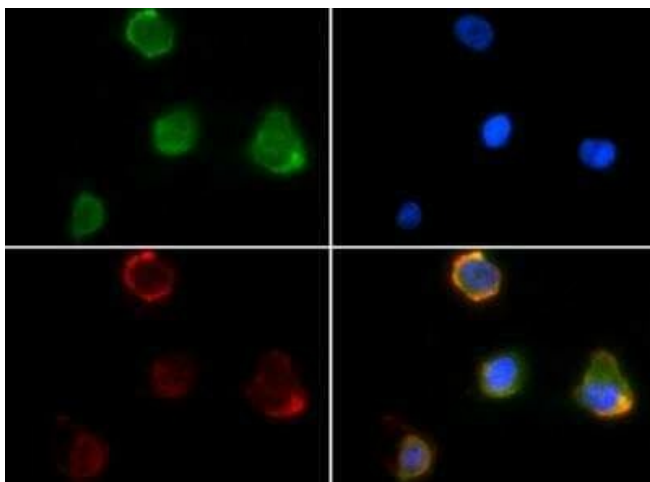
Calprotectin (S100A9) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, Simple Western, WB
Recommended Dilution:	Immunohistochemistry-Paraffin, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence: 1:50-1:200, Western Blot: 1:1000, Simple Western: 1:100
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length human S100A9 protein [Swiss-Prot# P06702] expressed in E. coli.
Formulation:	0.1% sodium azide
Purification:	Whole antisera
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	S100 calcium binding protein A9
Database Link:	NP_002956 Entrez Gene 20202 Mouse Entrez Gene 94195 Rat Entrez Gene 6280 Human P06702
Background:	S100A9 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 are involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100A9 may function in the inhibition of casein kinase, and altered expression is associated with the disease cystic fibrosis. Overexpression of S100A9 has also recently been linked to a poor prognosis with invasive ductal carcinoma of the breast.
Synonyms:	60B8AG; CAGB; CFAG; CGLB; L1AG; LIAG; MAC387; MIF; MRP14; NIF; P14



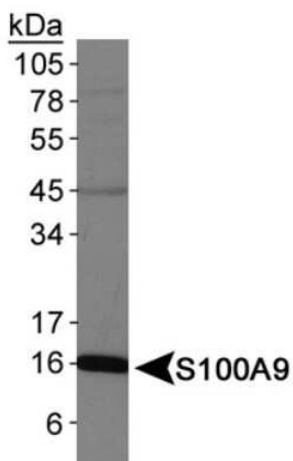
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Product images:

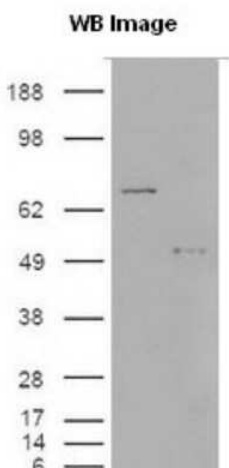
Immunocytochemistry/Immunofluorescence: S100A9 Antibody TA301459 - S100A9 antibody was tested in A431 cells with FITC (green). Nuclei and alpha-tubulin were counterstained with Dapi (blue) and Dylight 550 (red).



Simple Western: S100A9 Antibody TA301459 - Simple Western lane view shows a specific band for S100A9 in 0.5 mg/ml of Human PBMC's lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Western Blot: S100A9 Antibody TA301459 - Analysis of S100A9 Antibody in DMSO treated HL60 whole cell lysates.



Western Blot: S100A9 Antibody TA301459 - Cells were transfected with the pCMV6-ENTRY control or pCMV6-ENTRY S100A9 cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-S100A9.