S100A8 Rabbit Polyclonal Antibody

CAB1688

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

11kDa

Calculated MW:

10kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:
WB 1:500 - 1:2000 IHC 1:50 - 1:100 IF 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

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. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Gene ID:
6279

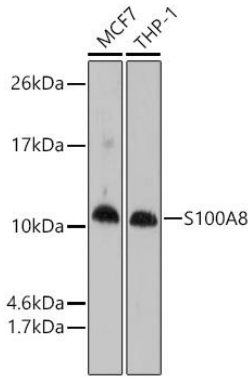
Uniprot
P05109

Synonyms:
S100A8; 60B8AG; CAGA; CFAG; CGLA; CP-10; L1Ag; MA387; MIF; MRP8; NIF; P8

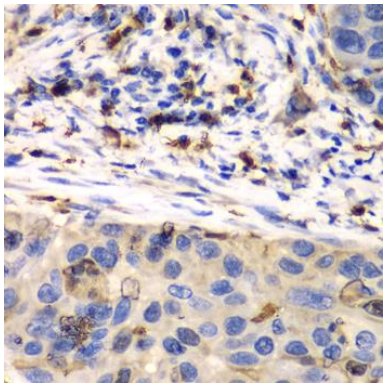
Immunogen:
Recombinant fusion protein containing a sequence corresponding to amino acids 1-93 of human S100A8 (NP_002955.2).

Storage:
Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

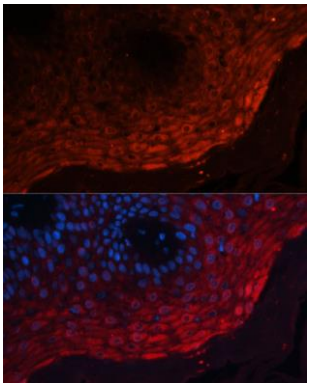
Product Images



Western blot analysis of extracts of various cell lines, using S100A8 antibody (CAB1688) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 180s.



Immunohistochemistry of paraffin-embedded human esophageal cancer using S100A8 antibody (CAB1688) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of human skin cancer using S100A8 Polyclonal Antibody (CAB1688) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

