

For Research Use Only

S100A9 Recombinant antibody

Catalog Number: 83578-2-RR



Basic Information

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| Catalog Number: 83578-2-RR | GenBank Accession Number: BC047681 | Purification Method: Protein A purification |
| Size: 1000 µg/ml | GeneID (NCBI): 6280 | CloneNo.: 240539G9 |
| Source: Rabbit | UNIPROT ID: P06702 | Recommended Dilutions: WB 1:2000-1:10000 |
| Isotype: IgG | Full Name: S100 calcium binding protein A9 | |
| Immunogen Catalog Number: AG25764 | Calculated MW: 13 kDa | |
| | Observed MW: 14 kDa | |

Applications

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| Tested Applications: WB, ELISA | Positive Controls: WB : MCF-7 cells, |
| Species Specificity: Human | |

Background Information

S100A9 is a calcium binding protein as a member of the S100 family of proteins. S100 proteins are low molecular weight (9 to 14 kDa) intracellular calcium-binding proteins that control key cellular pathways including regulation of the cytoskeleton, cell migration and adhesion, and host oxidative defense. S100A9 may exist as a homodimer, heterodimer with an S100A8 partner (S100A8/A9), or as a heterotetramer with an S100A8 partner (S100A8/A9). S100A8 and S100A9 are found intracellularly in granulocytes, monocytes, and early differentiation stages of macrophages.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

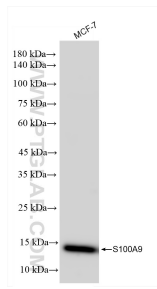
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Selected Validation Data



MCF-7 cells were subjected to SDS PAGE followed by western blot with 83578-2-RR (S100A9 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.