S100A8 Recombinant antibody, PBS Only (Capture)

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Antibodies | ELISA kits | Proteins
Uni-rAb

Catalog Number:82531-3-PBS

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Basic Information

Catalog Number:
82531-3-PBS

Concentration:
1 mg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3752

GenBank Accession Number:
BC005928

GeneID (NCBI):
6279

UNIPROT ID:
P05109

Full Name:
S100 calcium binding protein A8

Calculated MW:
93 aa, 11 kDa

Observed MW:
11 kDa

Purification Method:
Protein A purification

CloneNo.:
242970G12

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

S100A8 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.

Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS only, pH7.3

Selected Validation Data
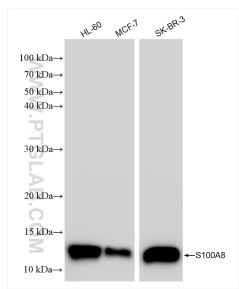
Various lysates were subjected to SDS PAGE followed by western blot with 82531-3-RR (S100A8 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82531-3-PBS in a different storage buffer formulation.
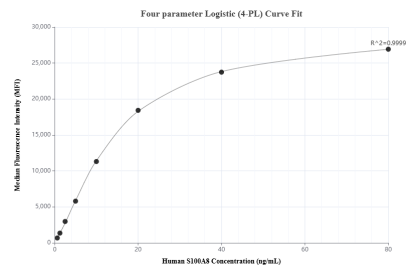
Cytometric bead array standard curve of MP01972-1, S100A8 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 82531-3-PBS. Detection antibody: 82531-2-PBS. Standard: Eg3752. Range: 0.625-80 ng/mL.