Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human S100A7 mAb

Catalog No.: RMK0079

Basic Information

Catalog No.
RMK0079

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

Contact

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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 differs from the other S100 proteins of known structure in its lack of calcium binding ability in one EF-hand at the N-terminus. The protein is overexpressed in hyperproliferative skin diseases, exhibits antimicrobial activities against bacteria and induces immunomodulatory activities.

Immunogen Information

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 2-101 of human S100A7 (NP_002954.2).

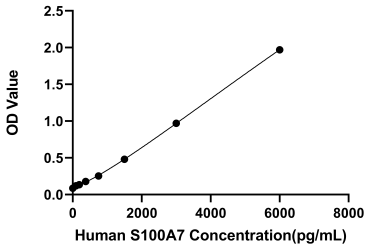
Cross-Reactivity

Assay Applications

Human S100A7 Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	2-8ug/mL	Rabbit anti-Human S100A7 mAb(Cat. No.RMK0079)
	Detection	0.1-0.4ug/mL	Rabbit anti-Human S100A7 mAb(Cat. No.RMK0080)
	Standard	93.75-6000pg/mL	Recombinant Human S100A7 Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.