

Anti-S100A6 Antibody (6E122)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	6E122
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of mouse S100A6 in mouse spleen with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of mouse S100A6 in mouse kidney with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
Application:	ELISA,ELISA(Cap),IHC-P
Recommended	ELISA: 1:5000-1:10000; IHC-P: 1:100-1:500; ELISA(Cap): 1:250-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Mouse S100A6 protein (TMPY-01094)
Antigen Species:	Mouse
Synonyms:	2A9;CACY;PRA;S100 calcium binding protein A6;CABP;5B10
Biology Area:	Calcium-binding Proteins and Related Molecules

Research Background

S100 protein is a family of low molecular weight protein found in vertebrates characterized by two EF-hand calcium-binding motifs. There are at least 21 different S100 proteins, and the name is derived from the fact that the protein is 100% soluble in ammonium sulfate at neutral pH. Most S100 proteins are disulfide-linked homodimer, and is normally present in cells derived from the neural crest, chondrocytes, macrophages, dendritic cells, etc. S100 proteins have been implicated in a variety of intracellular and extracellular functions. They are involved in regulation of protein phosphorylation, transcription factors, the dynamics of cytoskeleton constituents, enzyme activities, cell growth and differentiation, and the inflammatory response. S100A6 (S100 calcium-binding protein A6) is a member of the S100 family of proteins, and functions in prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of S100A6 have been implicated in melanoma.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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