

S100A2 Monoclonal Antibody (SH-L1)

Catalog NumberMA1-25006

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Bovine, Dog, Cat, Goat, Human, Pig, Reptile, Rat
Host/Isotope	Mouse / IgG1	Published species	Human
Class	Monoclonal	Tested Applications	
Type	Antibody	ELISA (ELISA)	Assay-dependent
Clone	SH-L1	Immunoprecipitation (IP)	Assay-dependent
Immunogen	Purified, full length, native pig protein.	Western Blot (WB)	Assay-dependent
Conjugate	Unconjugated	Immunocytochemistry (ICC/IF)	1:1,000
Form	Liquid	Published Applications	
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles	Immunohistochemistry (IHC)	See 1 publications below

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product specific information

MA1-25006 detects S100 alpha 2 from canine, human, rat, bovine, feline, goat, lizard, and porcine samples. MA1-25006 has been successfully used in immunoprecipitation, and Western blot procedures. The MA1-25006 immunogen is purified, full length, native pig protein.

Background/Target Information

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 have a tumor suppressor function. Chromosomal rearrangements and altered expression of this gene have been implicated in breast cancer.

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PubMed References For S100A2 Monoclonal Antibody (SH-L1)

1 Immunohistochemistry References

Species / Dilution	Summary
Human / Not Cited	MA1-25006 was used in immunohistochemistry to study the cellular composition of two different biomaterials seeded with chondrocytes and the quality of the cartilage generated following human transplantation
	Folia biologica (2014; 60: 1)
	"Comparison of the cellular composition of two different chondrocyte-seeded biomaterials and the results of their transplantation in humans." Author(s):Horák M,Handl M,Podškubka A,Kaa R,Adler J,Povýšil C PubMed Article URL: http://www.ncbi.nlm.nih.gov/pubmed/24594051

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