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HRP conjugated Anti human S100A4 mouse monoclonal antibody

S100A4: S100 calcium binding protein A4

Code No.	PP-2H4-0C
Clone No.	2H4
RRID	AB_3752982
Isotype	IgG1
Host	mouse
Conjugate	HRP
Alias	Calvasculin, Metastasin, MTS1, CAPL, FSP1, P9KA, PEL98
UniProt ID	P26447
Entrez Gene ID	6275 (human)
Specificity	This conjugate specifically recognizes human S100A4 protein. No cross-reactivity with other human S100 family proteins (S100A1–A16, S100B, S100G, S100P, S100Z) was detected by ELISA (data obtained using the unconjugated antibody). Reactivity with other species has not been tested.
Immunogen	human S100A4
Concentration	0.5 mg/mL
Volume	50 µL
Formulation	Storage buffer with 50% glycerol and 0.1% ProClin™ 950 as a preservative
Purification	Protein A affinity chromatography
Origin	Produced in serum-free medium with hybridoma of mouse myeloma cells (P3U1) and iliac lymph node-derived cells obtained from a GANP® mouse immunized with human S100A4.
Storage	Store at -20°C. For long-term storage, aliquot the antibody prior to freezing. Repeated freezing and thawing should be avoided, as it may cause degradation and result in reduced performance.
Notes	GANP® is a trademark of Trans Genic Inc. ProClin™ is a trademark of the LANXESS Corp.
Remarks	Recommended for Sandwich ELISA in combination with anti-human S100A4 antibody (PP-2E10-0C) as a capture antibody (Fig. 1).

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Application	Recommended Conc. *	Data †	References ‡
ELISA	0.1–0.2 µg/mL	Fig.1	—

* : Optimal dilutions/concentrations should be determined by the user.

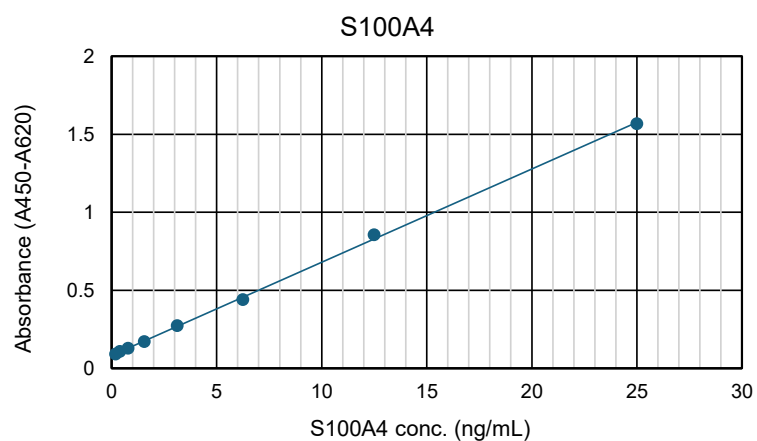
† : Data figures are shown on page 2.



Full online PDF datasheet available here

Application Data

Fig. 1 Sandwich ELISA



Wells were coated with anti-human S100A4 mouse monoclonal antibody (PP-2E10-0C) at 0.5 µg/well overnight at 4°C. After blocking with non-fat dry milk for 1 h at room temperature (RT) and washing, serially diluted human S100A4 solutions were added to each well and incubated at RT. The plate was washed, incubated with HRP-conjugated anti-human S100A4 antibody (PP-2H4-0C, 0.1 µg/mL) at RT, washed again, and visualized with TMB reagent.