

HRP conjugated Anti human S100A4 mouse monoclonal antibody

Code No	PP-2H4-0C
Clone No.	2H4
Lot.	B-1
Concentration	0.5 mg/mL
Volume	50 μ L
Ig Class	G1
Description	S100A4 is a calcium-binding protein that regulates cell motility, invasion, and angiogenesis. It is thought to contribute to pathogenesis by promoting the production of inflammatory cytokines and inducing the migration of inflammatory cells; its utility as a biomarker for assessing disease activity and treatment response is currently being investigated.
Nomenclature	
Genbank	
Origin	Produced in serum-free medium with hybridoma of mouse myeloma cells (P3U1) and iliac lymph node-derived cells derived from a GANP® mouse immunized with human S100A4.
Specificity	This antibody specifically recognizes human S100A4 protein. Not yet tested in other species.
Purification	Affinity chromatography with Protein A
Formulation	Storage buffer with 50% glycerol and 0.1% ProClin 950 as a preservative

Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

Western Blot	Not yet tested
Non reducing Western Blot	Not yet tested
ELISA	0.1–0.2 μ g/mL
Immunoprecipitation	Not yet tested
Supershift Assay	Not yet tested
Chromatin immunoprecipitation	Not yet tested
Immunohistochemistry	Not yet tested

Storage	Store at -20 °C. For long-term storage, aliquot the antibody prior to storage. Repeated freezing and thawing is not recommended.
---------	--

Reference

Notes

FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

Not for Diagnostic or Therapeutic use. Purchase of this product does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written consent of Perseus Proteomics Inc. is prohibited.

MADE IN JAPAN
Jul 16, 2026