

Anti human S100A4 mouse monoclonal antibody

Code No	PP-2E10-0C
Clone No.	2E10
Lot.	B-1
Concentration	1mg/mL
Volume	100µL
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	Physiological saline with 0.1% Sodium azide 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	2 µg/mL
Non reducing Western Blot	Not yet tested
ELISA	1-5 µg/mL
Immunoprecipitation	Not yet tested
Supershift Assay	Not yet tested
Chromatin immunoprecipitation	Not yet tested
Immunohistochemistry	Not yet tested

Storage	Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.
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Reference

Notes	Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.
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MADE IN JAPAN
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