

S100 alpha antibody [S1/61]

Cat. No. GTX34997

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ICC/IF, IHC-P, FCM
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
ICC/IF	1-2µg/ml
IHC-P	1-2µg/ml for 30 minutes at RT
FCM	Assay dependent

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes.

Not tested in other applications.

Product Note

S100 belongs to the family of calcium binding proteins. S100A and S100B proteins are two members of the S100 family. S100A is composed of an alpha and a beta chain whereas S100B is composed of two beta chains. This antibody is specific against an epitope located on the alpha-chain (i.e. in S-100A) but not on the beta-chain of S-100 (i.e. in S-100B).

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Purified human S-100 protein conjugated to methylated BSA
Purification	Protein A/G purified
Conjugation	Unconjugated



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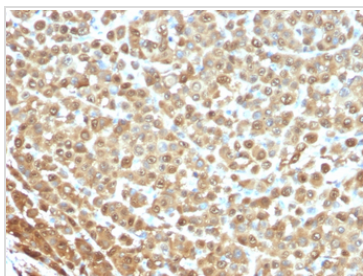
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Note

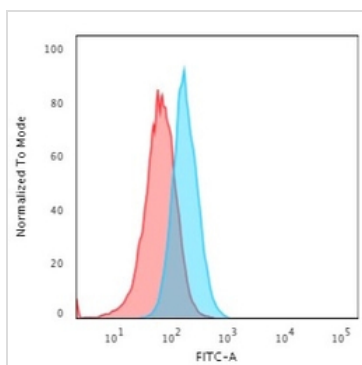
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DATA IMAGES



GTX34997 IHC-P Image

IHC-P analysis of human melanoma tissue using GTX34997 S100 alpha antibody [S1/61].



GTX34997 FCM Image

FACS analysis of T98G cells using GTX34997 S100 alpha antibody [S1/61].

Blue : Primary antibody

Red : Isotype control



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