



Rabbit anti-human S-100 Protein

Clone Polyclonal

Cat. no. PSX1050

Specificity

S-100A and S-100B proteins are two members of the S-100 family of proteins. S-100A is composed of an alpha and beta chain, whereas S-100B is composed of two beta chains. S-100 protein is reported to be expressed in neuroectodermal tissue, including nerves and melanocytes. Langerhans cells in skin and interdigitating reticulum cells in the paracortex of lymph nodes are also reported to express S-100 protein. It is noteworthy that S-100 protein is highly soluble and may be eluted from frozen tissue during immunohistochemical procedures.

Immunogen

S-100 isolated from cow brain.

Immunoglobulin type

Not applicable

Use

The antibody can be used for immunohistochemistry on paraffin sections.

Instructions for use:

Suggested dilution: 1:200 for 30 minutes at 25°C. This is provided as a guide and users should determine their own optimal working dilutions.

Presentation

1.0 ml liquid tissue culture supernatant containing 15 mM sodium azide as a preservative.

Total protein concentration: 1.0 - 8.0 g/L.

Antibody concentration: not applicable

Literature

- Nadji M, Morales AR. Laboratory Medicine. 1983; 14:767.
- Omata M, Liew CT, et al. American Journal of Clinical Pathology. 1980; 73:626.
- Chou Y-P, Lin J-W, Wang C-C, et al. Oncology Reports. 2008; 19:49-56.
- Chang K-C, Tai M-H, Lin J-W, et al. International Journal of Cancer. 2007; 121:1059-1065.
- Gelderman KA, Zijlmans HJMAA, Vonk MJ et al. Gut. 2004; 53:507-513.

Storage and Handling

Store at 2-8°C. until expiry date.

FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.

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