

S-100B (ZR379)

Rabbit Monoclonal Antibody

Host: Rabbit
Specificity: Human
Immunogen: Recombinant fragment (around aa3-92) of human S100B protein
Ig Class: IgG
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: S-100B (ZR379) Rabbit Monoclonal primary antibody detects S-100B protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:150-300. Positive Control: sample known to contain S-100B protein.

Localization: Cytoplasmic and nucleus.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: 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 for an epitope located on the beta-chain (i.e. in S-100A and S-100B) but not on the alpha-chain of S-100 (i.e. in S-100A and S100A0). S-100 protein has been found in normal melanocytes, Langerhans cells, histiocytes, chondrocytes, lipocytes, skeletal and cardiac muscle, Schwann cells, epithelial and myoepithelial cells of the breast, salivary and sweat glands, as well as in glial cells. Neoplasms derived from these cells also express S-100 protein, albeit non-uniformly. Many well-differentiated tumors of the salivary gland, adipose, and cartilaginous tissue, and Schwann cell-derived tumors express S-100 protein. Almost all malignant melanomas and cases of histiocytosis X are positive for S-100 protein expression.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Joshi MG et. al. Modern Pathology, 1996, 9(1):57-62.
2. McLaren KM et. al. Human Pathology, 1996, 27(7):633-6.

REF Z2670RL/ Z2670RS/ Z2670RT/ Z2670RP (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)




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RUO
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LOT
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