

**Product:** Anti-S-100  
**Catalog #:** 03-16100  
**Amount:** 100 ml

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**CATEGORY:** Rabbit Polyclonal  
**FORM:** Serum containing 0.1% sodium azide  
**IMMUNOGEN:** S-100 protein from bovine brain  
**DESCRIPTION/SPECIFICITY:** Reacts with the 21-24 kD (the A and B subunits) of the S-100 protein. S-100A is composed of one alpha- and one beta-chain, whereas S-100B is composed of two beta-chains. S-100 is a brain protein normally present in astrocytes, melanocytes ependymal cells, glial cells and Schwann cells. Langerhans cells in the skin and interdigitating reticulum cells in the paracortex of lymph nodes also stain positively. S-100 occurs in tumors of the central nervous system, such as Schwannomas, ependymomas, astroglomas, gliastomas and almost all melanomas.

**ANTIGEN RECOGNIZED IN**

**SPECIES** (tested so far): Human

**RECOMMENDED FOR**

**POSITIVE CONTROL:** Human skin

**APPLICATION:** Immunohistochemistry, suitable for frozen and paraffin sections\*.

\*no pretreatment required; Immunofluorescence

**WORKING DILUTION:** 1:25 to 1:50 immunohistochemistry with overnight incubation at 2-8°C.

Dilute immediately before use with PBS

**DILUTION BUFFER:** PBS with 0.5% BSA and 0.1% Na-Azide

**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

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