

## Rabbit Polyclonal Antibody to Cow S-100 Protein

<b>Catalog No.:</b>	PDR 008
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	Affinity purified S-100 protein isolated from cow brain.
<b>Host:</b>	Rabbit
<b>Format:</b>	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections with our PolyVue-HRP system. No further titration is required. The solution contains sodium azide and Proclin 300 as preservatives.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. For optimal staining, DBS suggests the use of a polymer staining system such as the DBS PolyVue Detection System. <u>Proteolytic digestion of formalin fixed paraffin embedded tissue sections is required prior to staining.</u>
<b>Specificity:</b>	This antibody reacts with cow S-100 protein A and B. It shows strong cross-reactivity with human S-100 A and B. In the brain, it labels glial and ependymal cells. Melanocytes and Langerhans cells of the skin stain positive with this antibody.
<b>Positive Control:</b>	Melanoma
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Moore et al. Biochem Biophys Res Comm 19: 739, 1966. ii) Kindblom et al. Acta Path Microbiol Immunol Scand Sect A 92: 219, 1984. iii) Winek et al. Am J Surg Pathol 13: 251, 1989.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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