

Rabbit Polyclonal Antibody to Cow S-100 Protein

Catalog No.:	RP 035, RP 035-05
Intended Use:	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.
Immunogen:	Affinity purified S-100 protein isolated from cow brain.
Host:	Rabbit
Format:	Purified immunoglobulin fraction of rabbit antiserum against S-100 containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:200 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	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. <u>Proteolytic treatment is required prior to immunostaining of formalin fixed paraffin embedded tissue sections.</u>
Specificity:	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 also stain positive with this antibody.
Positive Control:	Melanoma
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	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

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1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390

Website: www.dbiosys.com e-mail: customersupport@dbiosys.com