

Monoclonal Mouse Antibody to Bovine S-100 Protein

Catalog No.:	PDM 088
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:	BALB/C mice were injected with purified bovine S-100b protein.
Clone:	SH-B1
Isotype:	IgG1, kappa
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required.
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 is specific against an epitope located on the β -chain (i.e. in S-100a and S-100b) but not on the α -chain of S-100 (i.e. in S-100a and S-100ao). It cross reacts with human, porcine, rabbit, cat, and rat tissues. This antibody can be used to localize S-100a and S-100b in various tissue sections.
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) Baudier et al. J Biol Chem 261: 8192, 1986. ii) Mani et al. Biochemistry 21: 2607, 1982. iii) Takahashi et al. Virchows Arch (Cell Pathol) 45: 385, 1984. iv) Kan-Mitchell et al. Invest Opthal 31: 1492, 1990.

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

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

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