

Product datasheet MONX11163

MONOSAN[®]

Rabbit anti-S100, clone EP32 (monoclonal)

Clone no. EP32

MONXtra

Product name	Rabbit anti-S100, clone EP32 (monoclonal)
Host	Rabbit
Applications	IHC-P (1:100)
Species reactivity	human
Conjugate	-
Immunogen	A synthetic peptide corresponding to residues of human S100 Beta protein.
Isotype	IgG
Clonality	Monoclonal
Clone number	EP32
Size	1ml
Concentration	Greater than or equal to 30 mg/L
Format	-
Storage buffer	Tissue culture supernatant with sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

S-100A and S-100B proteins are two members of the S-100 family of proteins. S-100A subtypes are composed of one alpha and one beta chain, whereas S-100B is composed of two beta chains. S-100 protein is reported to be expressed in neuroectodermal tissue, including nerves and melanocytes. Langerhans cells in skin are also reported to express S-100 protein. It is noteworthy that S-100 protein is highly soluble and may be eluted from frozen tissue during immunohistochemical procedures. Clone EP32 was raised against S-100 beta protein. Immunoreactivity was observed in neuroectodermal tissue e.g. melanocytes, nerve fibres, dendritic cells, adipocytes and a percentage of macrophages, lymphocytes and plasma cells.

References

1. Chen H et al. American Journal of Cancer Research 2014;4(2):89-115
2. Torlakovic EE et al. Applied Immunohistochemistry & Molecular Morphology. 2003;11(1):1-10
3. -
4. -
5. -

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