

Datasheet

S100A6 monoclonal antibody (M10), clone 6B5

Catalog Number: H00006277-M10

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant S100A6.

Clone Name: 6B5

Immunogen: S100A6 (AAH01431, 1 a.a. ~ 90 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MACPLDRAIGLLVAIFHKYSGREGDKHTLSKKELKELIQ
KELTIGSKLQDAEIARLMEDLDRNKDQEVNFQEYVTF
L GALALIYNEALKG

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, S-ELISA, WB-Ce, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6277

Gene Symbol: S100A6

Gene Alias: 2A9, 5B10, CABP, CACY, PRA

Gene Summary: The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are

localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca²⁺-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma. [provided by RefSeq]

References:

1. Identification of novel molecular markers through transcriptomic analysis in human fetal and adult corneal endothelial cells. Chen Y, Huang K, Nakatsu MN, Xue Z, Deng SX, Fan G. Hum Mol Genet. 2013 Jan 8.
2. S100A expression in normal corneal-limbal epithelial cells and ocular surface squamous cell carcinoma tissue. Li J, Riau AK, Setiawan M, Mehta JS, Ti SE, Tong L, Tan DT, Beuerman RW. Mol Vis. 2011;17:2263-71. Epub 2011 Aug 20.