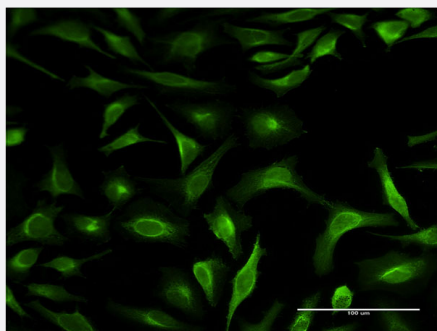


S100P monoclonal antibody (M12), clone 1A11

Catalog # H00006286-M12

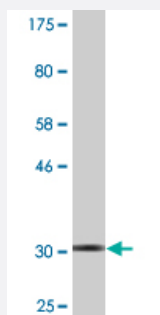
Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to S100P on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (33.33 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant S100P.
Immunogen	S100P (NP_005971.1, 1 a.a. ~ 69 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTELETAMGMIIDVFSRYSGSEGSTQTLTKGELKVLMEKELPGFLQSGKDKDAVDKLLKDL DANG DAQV
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (33.33 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to S100P on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — S100P

Entrez GeneID

[6286](#)

GeneBank Accession#

[NM_005980](#)

Protein Accession#

[NP_005971.1](#)

Gene Name

S100P

Gene Alias

MIG9

Gene Description

S100 calcium binding protein P

Omim ID

[600614](#)

Gene Ontology

[Hyperlink](#)

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; however, this gene is located at 4p16. This protein, in addition to binding Ca²⁺, also binds Zn²⁺ and Mg²⁺. This protein may play a role in the etiology of prostate cancer. [provided by RefSeq]

Other Designations

OTTHUMP00000115574|S100 calcium-binding protein P|migration-inducing gene 9