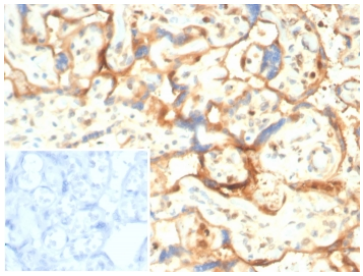
S100A11 Antibody / S100 calcium binding protein A11 [clone S100A11/7393] (V4732)

Catalog No.	Formulation	Size
V4732-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V4732-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V4732SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	S100A11/7393
Purity	Protein A/G affinity
UniProt	P31949
Localization	Cytoplasm, Nucleus
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This S100A11 antibody is available for research use only.



IHC staining of FFPE human placental tissue with S100A11 antibody (clone S100A11/7393). Inset: PBS used in place of primary Ab (secondary Ab negative control). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

S100A11 is a Ca2+-binding protein of the S100 family. The proteins comprising the S-100 protein family have two EF-

hand structures per molecule of protein. Expression of these family members occurs primarily in neurons or retinal photoreceptor cells, and may also be involved in a wide variety of cellular functions including cell growth, cell-cell communication, energy metabolism and intracellular signal transduction. They have also been linked to various pathologies, including Alzheimer s disease, schizophrenia and cancer. S100A11 is highly expressed in lung tissue and is also expressed in kidney, liver, brain, heart and smooth muscle. It is an important androgen-responsive protein produced by Sertoli cells and might play a role in spermatogenesis regulation.

Application Notes

Optimal dilution of the S100A11 antibody should be determined by the researcher.

Immunogen

Recombinant full-length human S100A11 protein was used as the immunogen for the S100A11 antibody.

Storage

Aliquot the S100A11 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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