

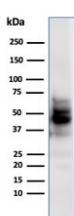
## SOX10 Antibody [clone SPM607] (V2869)

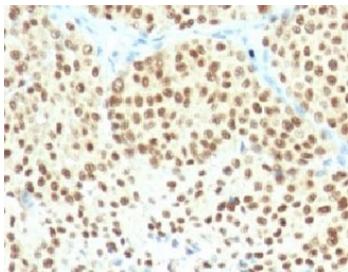
Catalog No.	Formulation	Size
V2869-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2869-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2869SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG2b, kappa
<b>Clone Name</b>	SPM607
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P56693
<b>Localization</b>	Nuclear
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Western Blot : 1-2ug/ml
<b>Limitations</b>	This SOX10 antibody is available for research use only.

Western blot testing of human COLO-38 cell lysate with SOX10 antibody (clone SPM607). Expected molecular weight: 50-58 kDa.





IHC: Formalin-fixed, paraffin-embedded human melanoma stained with SOX10 antibody (clone SPM607).

## Description

Transcription factor that seems to function synergistically with the POU domain protein TST-1/OCT6/SCIP. Could confer cell specificity to the function of other transcription factors in developing and mature glia (By similarity). [UniProt]

## Application Notes

Optimal dilution of the SOX10 antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

## Immunogen

Amino acids 115-269 of the human protein were used as the immunogen for the SOX10 antibody.

## Storage

Store the SOX10 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).