

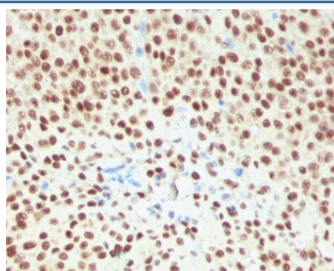
Recombinant SOX10 Antibody [clone SBX10-2R] (V3777)

| Catalog No. | Formulation | Size |
|----------------|-------------------------------------------------------------------------------------------------|--------|
| V3777-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3777-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V3777SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |
| V3777IHC-7ML | Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only* | 7 ml |

Recombinant **RABBIT MONOCLONAL**

[Bulk quote request](#)

| | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Clonality | Recombinant Rabbit Monoclonal |
| Isotype | Rabbit IgG, kappa |
| Clone Name | SBX10-2R |
| Purity | Protein A affinity chromatography |
| UniProt | P56693 |
| Localization | Nuclear |
| Applications | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT Prediluted IHC Only Format : incubate for 30 min at RT (1) |
| Limitations | This recombinant SOX10 antibody is available for research use only. |



IHC staining of FFPE human melanoma tissue with recombinant SOX10 antibody (clone SBX10-2R). Required HIER: boil sections in pH 9 10mM Tris with 1mM EDTA for 10-20 minutes, followed by cooling at RT for 20 minutes, prior to staining.

Description

SOX10 is a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. It may act as a transcriptional activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. [RefSeq]

Application Notes

Titering of the recombinant SOX10 antibody may be required for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

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

Storage

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