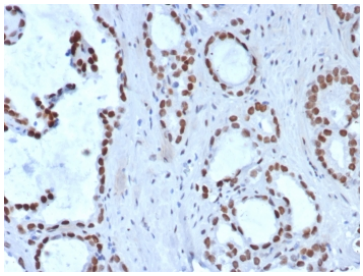
Transducin-like enhancer protein 1 Antibody / TLE1 [clone TLE1/8007R] (V5294)

Catalog No.	Formulation	Size
V5294-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5294-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5294SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

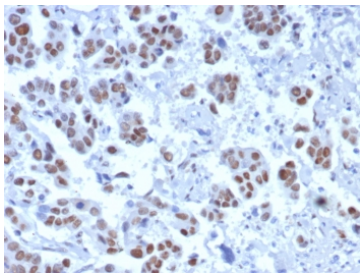
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	TLE1/8007R
Purity	Protein A/G affinity
UniProt	Q04724
Localization	Nucleus
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This TLE1 antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma tissue with Transducin-like enhancer protein 1 antibody (clone TLE1/8007R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human bladder tissue with Transducin-like enhancer protein 1 antibody (clone TLE1/8007R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

Description

Key players in the Notch pathway are the TLE genes, which are human homologs of the Drosophila groucho gene. Groucho is a transcriptional repressor that plays a key role in neurogenesis, segmentation and sex determination. Transducin-like enhancer protein1 (TLE1) is a protein that is encoded by the TLE1 gene and is involved in control of hematopoiesis, neuronal, and terminal epithelial differentiation. Positive immunohistochemical nuclear staining with anti-TLE-1 has been shown to be a useful addition to an IHC panel when differentiating synovial sarcoma from other soft tissue malignancies.

Application Notes

Optimal dilution of the Transducin-like enhancer protein 1 antibody should be determined by the researcher.

Immunogen

A recombinant human protein fragment (aa 175-338) was used as the immunogen for the Transducin-like enhancer protein 1 antibody.

Storage

Aliquot the Transducin-like enhancer protein 1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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