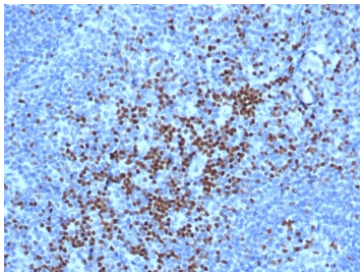
TCF7 Antibody TCF7/7631 / Transcription Factor 7 Mouse MAb [clone TCF7/7631] (V5090)

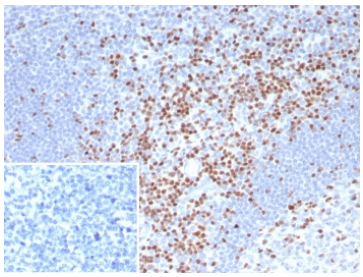
Catalog No.	Formulation	Size
V5090-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5090-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5090SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

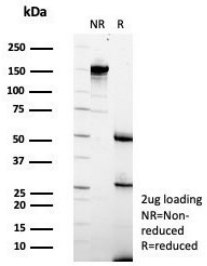
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2, kappa
Clone Name	TCF7/7631
Purity	Protein A/G affinity
UniProt	P36402
RRID	AB_3758610
Localization	Nuclear
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	This TCF7 Antibody TCF7/7631 is available for research use only.



TCF7 Antibody TCF7/7631 Immunohistochemistry. IHC staining of FFPE human lymph node tissue with TCF7 antibody (clone TCF7/7631). 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 tonsil tissue with TCF7 Antibody TCF7/7631. 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.



SDS-PAGE analysis of purified, BSA-free TCF7 antibody (clone TCF7/7631) as confirmation of integrity and purity.

Description

TCF7 Antibody TCF7/7631 detects Transcription Factor 7, a transcriptional activator involved in T-cell lymphocyte differentiation. Necessary for the survival of CD4(+) CD8(+) immature thymocytes. Isoforms lacking the N-terminal CTNNB1 binding domain cannot fulfill this role. Binds to the T-lymphocyte-specific enhancer element (5'-WWCAAAG-3') found in the promoter of the CD3E gene. Represses expression of the T-cell receptor gamma gene in alpha-beta T-cell lineages (By similarity). Required for the development of natural killer receptor-positive lymphoid tissue inducer T-cells (By similarity). TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7 and CTNNB1.May also act as feedback transcriptional repressor of CTNNB1 and TCF7L2 target genes.

Application Notes

Optimal dilution of the TCF7 Antibody TCF7/7631 should be determined by the researcher.

Immunogen

A recombinant partial protein sequence (within amino acids 200-400) from the human protein was used as the immunogen for the TCF7 antibody.

Storage

Aliquot the TCF7 Antibody TCF7/7631 and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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