

Mouse TCF4 (Transcription Factor 4) Monoclonal Antibody | anti-TCF4 antibody

TCF4 (Transcription Factor 4)

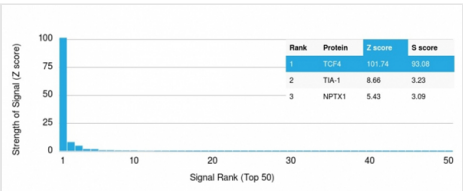
CATALOG # AAA214696	HOST Mouse	REACTIVITY Human. Others not tested.	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

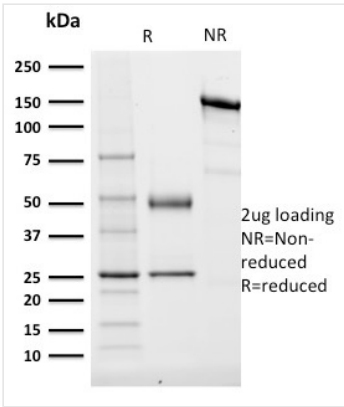
TCF4 (Transcription Factor 4); Monoclonal Antibody; bHLHb19; Class B basic helix-loop-helix protein 19; Immunoglobulin transcription factor 2; ITF-2; PTHS; SEF2; SL3-3 enhancer factor 2; TCF4; Transcription factor 4; anti-TCF4 antibody

PRODUCT SPECIFICATIONS

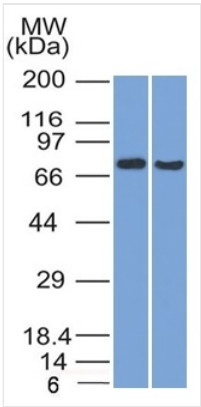
Host	Mouse
Reactivity	Human. Others not tested.
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	TCF4/1705
Specificity	Recognizes a protein of 71kDa, identified as Transcription Factor 4 (TCF4). It is a basic helix-loop-helix transcription factor. The encoded protein recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif first identified in immunoglobulin enhancers. This gene is broadly expressed, and may play an important role in nervous system development. Defects in this gene are a cause of Pitt-Hopkins syndrome.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	671
Applicable Applications for anti-TCF4 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant human TCF4 protein fragment (aa365-671)
Cellular Localization	Nuclear
Hu-chromosome Location	18q21.2
Positive Control	HeLa or HepG2 cells. Bladder



SDS-PAGE
SDS-PAGE Analysis Purified TCF4 Mouse Monoclonal Antibody (TCF4/1705).Confirmation of Integrity and Purity of Antibody.



WB (Western Blot)
Western Blot (1) HeLa and (2) HepG2 Cell lysate using TCF4 Mouse Monoclonal Antibody (TCF4/1705).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Bladder stained with TCF4 Mouse Monoclonal Antibody (TCF4/1705).

ADDITIONAL INFORMATION

References	s Ishiguro H., et al. Cell Mol Biol Lett. 2016 Jul 28; 21:5. van de Wetering, M., et.al. Cell. 2002 Oct 18; 111(2):241-50.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145312267
NCBI GeneID	6925
NCBI Accession #	NP_001077431.1
NCBI GenBank Nucleotide #	NM_001083962.1
UniProt Accession #	P15884; B3KT62; B3KUC0; B4DT37; B4DUG3; B7Z5M6; B7Z6Y1; G0LNT9; G0LNU0; G0LNU1; G0LNU2; G0LNU4
Molecular Weight	71kDa
NCBI Official Full Name	transcription factor 4 isoform a
NCBI Official Synonym Full Names	transcription factor 4
NCBI Official Symbol	TCF4
NCBI Official Synonym Symbols	E2-2; ITF2; PTHS; SEF2; FECD3; ITF-2; SEF-2; TCF-4; SEF2-1; SEF2-1A; SEF2-1B; SEF2-1D; bHLHb19

NCBI Protein Information	transcription factor 4
UniProt Protein Name	Transcription factor 4
UniProt Gene Name	TCF4
UniProt Synonym Gene Names	BHLHB19; ITF2; SEF2; TCF-4; bHLHb19; ITF-2; SEF-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/tcf4-transcription-factor-4-antibody-clone-tcf4-1705-immunohistochemistry-western-blot-elisa/214696>