

Mouse TCF7L2 Monoclonal Antibody | anti-TCF7L2 antibody

TCF7L2 (Transcription Factor 7-like 2 (T-Cell Specific, HMG-Box), TCF-4, TCF4) (AP)

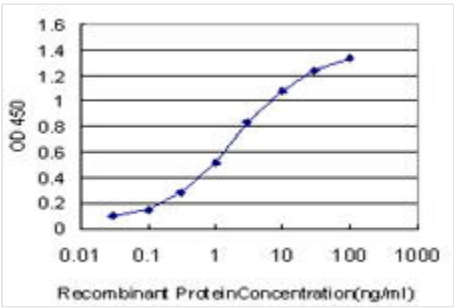
CATALOG # AAA25955	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

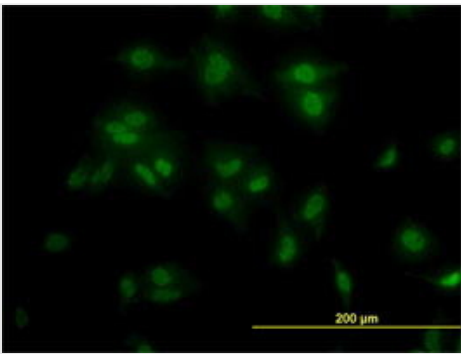
TCF7L2; Monoclonal Antibody; TCF7L2 (Transcription Factor 7-like 2 (T-Cell Specific; HMG-Box); TCF-4; TCF4) (AP); Transcription Factor 7-like 2 (T-Cell Specific; TCF4; anti-TCF7L2 antibody

PRODUCT SPECIFICATIONS

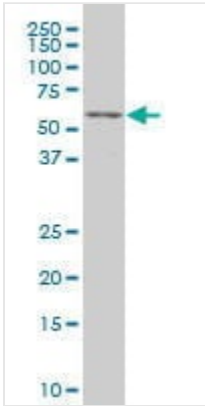
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3A4
Specificity	Recognizes TCF7L2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-TCF7L2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	TCF7L2 (NP_110383, 490aa-596aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	SPNLLGSPPRDAKSQTEQTQPLSLSLKPDPLAHLMMPPPPALLLAEATHKASALCPNGALDLPAAALQPAAPSSSIAQPSTSSLHSHSSLAGTQPQPLSL
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.



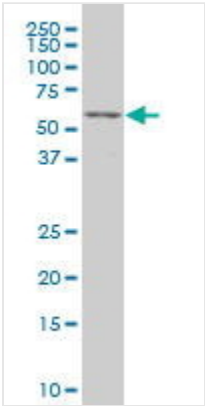
Application Data
Detection limit for recombinant GST tagged TCF7L2 is approximately 0.03ng/ml as a capture antibody.



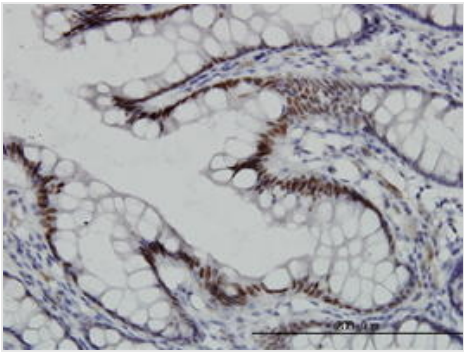
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to TCF7L2 on HeLa cell. [antibody concentration 10 ug/ml]



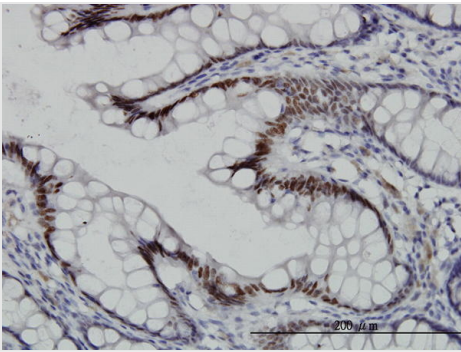
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to TCF7L2 on HeLa cell. [antibody concentration 10 ug/ml]



WB (Western Blot)
TCF7L2 monoclonal antibody (M06), clone 3A4 Western Blot analysis of TCF7L2 expression in K-562.



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to TCF7L2 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]



Application Data
Immunoperoxidase of monoclonal antibody to TCF7L2 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-TCF7L2 antibody	This gene encodes a high mobility group (HMG) box-containing transcription factor that plays a key role in the Wnt signaling pathway. The protein has been implicated in blood glucose homeostasis. Genetic variants of this gene are associated with increased risk of type 2 diabetes.
Product Categories/Family for anti-TCF7L2 antibody	Antibodies; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	170014696
NCBI GeneID	6934
NCBI Accession #	NP_110383
NCBI GenBank Nucleotide #	NM_030756.4
Molecular Weight	36,884 Da
NCBI Official Full Name	transcription factor 7-like 2 isoform 2
NCBI Official Synonym Full Names	transcription factor 7 like 2
NCBI Official Symbol	TCF7L2
NCBI Official Synonym Symbols	TCF4; TCF-4
NCBI Protein Information	transcription factor 7-like 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/tcf7l2-antibody-clone-3a4-immunohistochemistry-western-blot-elisa/25955>