

TCF1/TCF7 recombinant antibody

Rabbit anti-TCF1/TCF7 Recombinant Monoclonal Antibody [BLR228K]

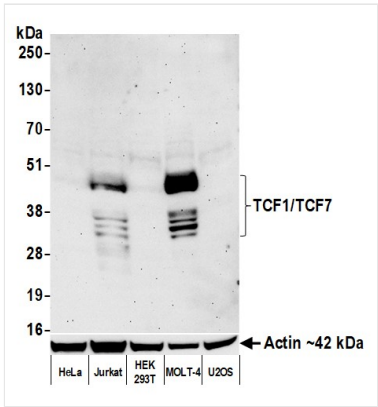
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA23875	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

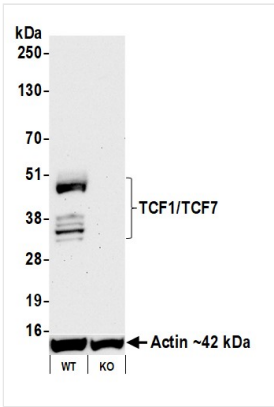
TCF1/TCF7; Recombinant Monoclonal Recombinant Antibody; Rabbit anti-TCF1/TCF7 Recombinant Monoclonal Antibody [BLR228K]; transcription factor 7; transcription factor 7 (T-cell specific; HMG-box); TCF-7; T-cell-specific transcription factor 1; T-cell factor 1; T-cell-factor-7; TCF-1; Transcription factor 7; TCF1/TCF7 recombinant antibody

PRODUCT SPECIFICATIONS

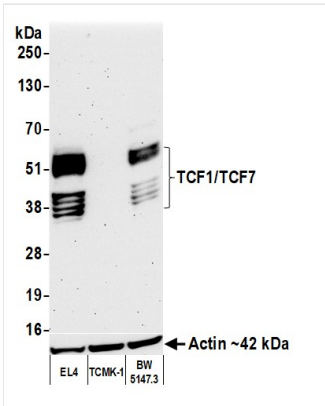
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Recombinant Monoclonal
Isotype	IgG
Clone Number	BLR228K
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for TCF1/TCF7 recombinant antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Application Notes	WB: 1:1000 IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. All western blot analysis is performed using 5% Milk-TBST for blocking and as antibody diluent. Primary antibody is incubated overnight. Western blots of cell lysates are performed using Goat anti-Rabbit IgG Heavy and Light Chain Antibody
Immunogen	Between 200 and 250
Conjugation	Unconjugated
Production Procedure	Recombinant antibody was purified from cell culture supernatant. Immunogen was a peptide representing a region between residue 200 and 250 of human Transcription factor 7 (TCF1/TCF7) using the numbering given in entry NP_003193.2 (Gene ID 6932).
IHC Human Control	Appendix, Lymph Node, Tonsil, CCRF-CEM Cells, HH Cells, Jurkat Cells, MOLT-4 Cells
IHC Mouse Control	Spleen, Thymus, BW5147.3 Cells, EL-4 Cells
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



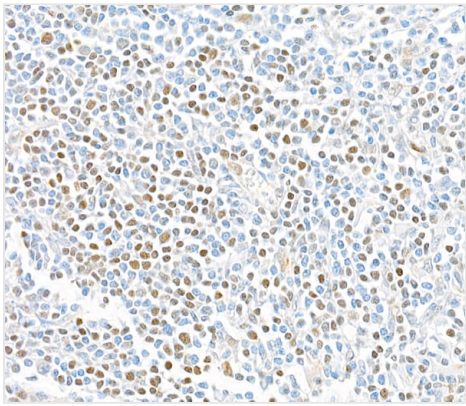
WB (Western Blot)
Detection of human TCF1/TCF7 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, Jurkat, HEK293T, MOLT-4, and U2OS cells prepared using NETN lysis buffer. Antibody: Rabbit anti-TCF1/TCF7 recombinant monoclonal antibody (AAA23875 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



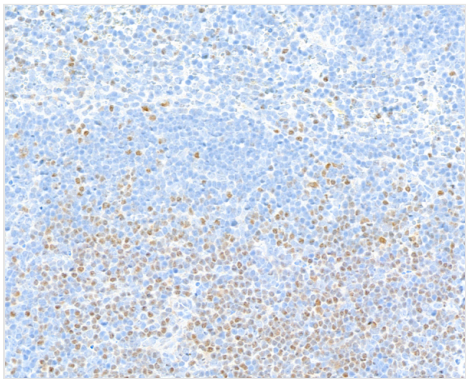
WB (Western Blot)
Detection of human TCF1/TCF7 by western blot. Samples: Whole cell lysate (50 ug) prepared using NETN lysis buffer from MOLT4 cells (WT and KO). Antibody: Rabbit anti-TCF1/TCF7 recombinant monoclonal antibody (AAA23875 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



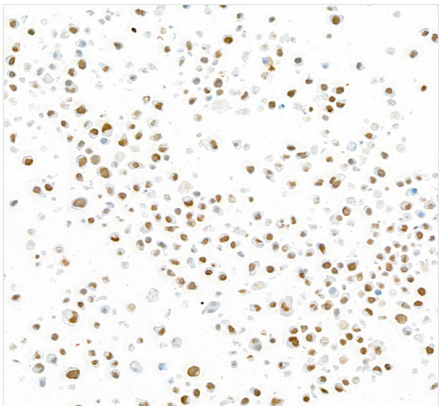
WB (Western Blot)
Detection of mouse TCF1/TCF7 by western blot. Samples: Whole cell lysate (50 ug) from EL4, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-TCF1/TCF7 recombinant monoclonal antibody (AAA23875 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 75 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



IHC (Immunohistochemistry)
Detection of human TCF1/TCF7 by immunohistochemistry. Sample: FFPE section of human lymph node. Antibody: Rabbit anti-TCF1/TCF7 recombinant monoclonal antibody (AAA23875-1). Secondary: HRP-conjugated goat anti-rabbit IgG .



IHC (Immunohistochemistry)
Detection of mouse TCF1/TCF7 by immunohistochemistry. Sample: FFPE section of mouse spleen. Antibody: Rabbit anti-TCF1/TCF7 recombinant monoclonal antibody (AAA23875-1). Secondary: HRP-conjugated goat anti-rabbit IgG .



ICC (Immunocytochemistry)
Detection of mouse TCF1/TCF7 by immunocytochemistry. Sample: FFPE section of EL4 cells. Antibody: Rabbit anti-TCF1/TCF7 recombinant monoclonal antibody (AAA23875-1). Secondary: HRP-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for TCF1/TCF7 recombinant antibody	TCF1/TCF7 is a member of the T-cell factor/lymphoid enhancer-binding factor family of high mobility group (HMG) box transcriptional activators. TCF1/TCF7 is expressed predominantly in T-cells and plays a critical role in natural killer cell and innate lymphoid cell development by forming a complex with beta-catenin and activating transcription through a Wnt/beta-catenin signaling pathway. [taken from NCBI Entrez Gene (Gene ID: 6932)].
Product Categories/Family for TCF1/TCF7 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	6932
UniProt Accession #	P36402
UniProt Protein Name	Transcription factor 7
UniProt Gene Name	TCF7
UniProt Synonym Gene Names	TCF1; TCF-7; T-cell factor 1; TCF-1
UniProt Entry Name	TCF7_HUMAN

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/rabbit-recombinant-monoclonal-human-mouse-recombinant-antibody/tcf1-tcf7/23875>