

Product datasheet

Anti-TCF7 antibody [EPR2035] - BSA and Azide free ab236035

Recombinant RabMAb

2 Images

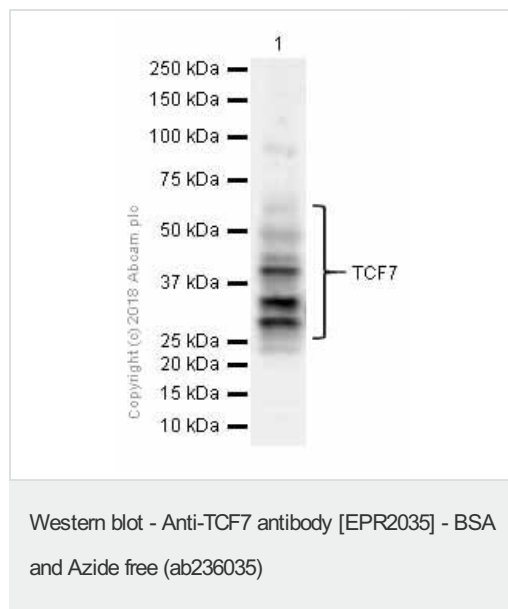
Overview

Product name	Anti-TCF7 antibody [EPR2035] - BSA and Azide free
Description	Rabbit monoclonal [EPR2035] to TCF7 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt or ICC/IF
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human TCF7 aa 100-200. The exact sequence is proprietary. Database link: P36402
Positive control	Jurkat nuclear extract lysate (ab14844) can be used as a positive control in WB.
General notes	<p>ab236035 is the carrier-free version of ab134127 This format is designed for use in antibody labeling, including fluorochromes, metal isotopes, oligonucleotides, enzymes.</p> <p>Our carrier-free formats are supplied in a buffer free of BSA, sodium azide and glycerol for higher conjugation efficiency.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>Ab236035 is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm. <i>Maxpar® is a trademark of Fluidigm Canada Inc.</i></p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit</p>

Target

Function	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. May also act as feedback transcriptional repressor of CTNNB1 and TCF7L2 target genes. TLE1, TLE2, TLE3 and TLE4 repress transactivation mediated by TCF7 and CTNNB1.
Tissue specificity	Predominantly in T-cells. Also detected in proliferating intestinal epithelial cells and in the basal epithelial cells of mammary gland epithelium.
Sequence similarities	Belongs to the TCF/LEF family. Contains 1 HMG box DNA-binding domain.
Cellular localization	Nucleus.

Images



Anti-TCF7 antibody [EPR2035] ([ab134127](#)) at 1.2 µg/ml + Human thymus lysates at 20 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 42 kDa

Blocking and diluting buffer: 5% NFDM/TBST.

This antibody recognizes multiple TCF7 isoforms reported by many papers (PMID: 20980261, 16424171, 24551047)

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab134127](#)).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-TCF7 antibody [EPR2035] - BSA and Azide free
(ab236035)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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