

Product datasheet

Anti-TCF-25 antibody [PCRP-TCF25-1A11] - BSA and Azide free ab277117

[2 Images](#)

Overview

Product name	Anti-TCF-25 antibody [PCRP-TCF25-1A11] - BSA and Azide free
Description	Mouse monoclonal [PCRP-TCF25-1A11] to TCF-25 - BSA and Azide free
Host species	Mouse
Tested applications	Suitable for: Protein Array, Flow Cyt
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Recombinant full length protein corresponding to Human TCF-25 aa 1-676. Database link: Q9BQ70
Positive control	Flow cyt: HeLa cells.
General notes	<p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Constituent: 100% PBS
Carrier free	Yes
Purity	Protein A/G purified
Purification notes	Purified from bioreactor concentrate
Clonality	Monoclonal
Clone number	PCRP-TCF25-1A11
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab277117** in the following tested applications.

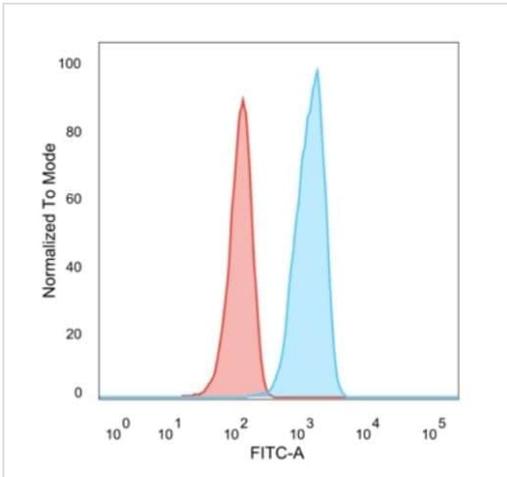
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Protein Array		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.

Target

Function	May play a role in cell death control. Acts as a transcriptional repressor. Has been shown to repress transcription of SRF in vitro and so may play a role in heart development.
Tissue specificity	In the embryo, widely expressed with highest levels in brain. In the adult, highest expression is found in the heart.
Sequence similarities	Belongs to the TCF25 family.
Domain	The C-terminal region mediates transcriptional repression.
Cellular localization	Nucleus. Some staining in the cytosol.

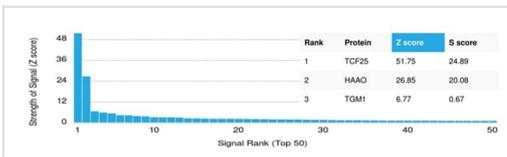
Images



Flow Cytometry - Anti-TCF-25 antibody [PCRP-TCF25-1A11] - BSA and Azide free (ab277117)

This data was developed using [ab277101](#), the same antibody clone in a different buffer formulation.

Flow cytometry analysis of PFA-fixed HeLa (human epithelial cell line from cervix adenocarcinoma) cells labeling TCF-25 using [ab277101](#) at $2 \mu\text{g}/10^6$ cells followed by goat anti-mouse IgG-CF488 (blue); unstained cells (red).



Protein Array - Anti-TCF-25 antibody [PCRP-TCF25-1A11] (ab277117)

This data was developed using [ab277101](#), the same antibody clone in a different buffer formulation.

Analysis of Protein Array containing more than 19,000 full-length human proteins using [ab277101](#).

Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.

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

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