

TCF4 Polyclonal Antibody

Catalog NumberPA5-25659

Product data sheet

| Details            |   | Species Reactivity   |              |
|--------------------|---|--|--------------|
| Size               | 400 µL  | Species reactivity   | Human, Mouse |
| Host/Isotope       | Rabbit / IgG  | <div>Tested ApplicationsDilution *</div>   |              |
| Class              | Polyclonal  |  |              |
| Type               | Antibody  | Flow Cytometry (Flow)  | 1:10-1:50    |
| Immunogen          | KLH conjugated synthetic peptide between 48-73 amino acids from the N-terminal region of human TCF4 | Western Blot (WB)  | 1:1,000      |
|                    |   | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. |              |
|                    |   |  |              |
|                    |   |  |              |
| Conjugate          | Unconjugated  |  |              |
| Form               | Liquid  |  |              |
| Concentration      | 0.5 mg/mL   |  |              |
| Purification       | Protein A, Antigen affinity chromatography  |  |              |
| Storage buffer     | PBS   |  |              |
| Contains           | 0.09% sodium azide  |  |              |
| Storage Conditions | -20° C, Avoid Freeze/Thaw Cycles  |  |              |

Product specific information

This antibody is predicted to react with mouse based on sequence homology.

Background/Target Information

TCF4 is transcription factor 4, a basic helix-turn-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 expressed predominantly in pre-B-cells, although it is found in other tissues as well. Defects in this gene are a cause of Pitt-Hopkins syndrome.

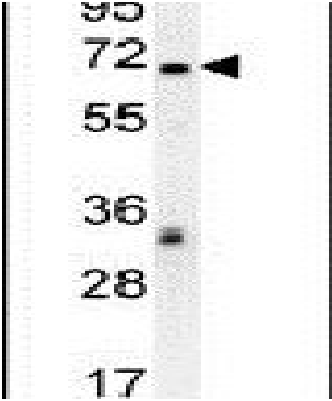
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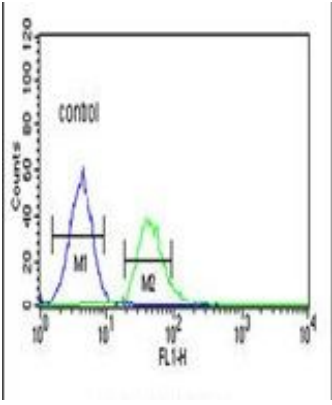
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Product Images For TCF4 Polyclonal Antibody



TCF4 Antibody (PA5-25659) in WB

Western blot analysis using a TCF4 polyclonal antibody (Product # PA5-25659) in K562 cell lysates (35 µg per lane).



TCF4 Antibody (PA5-25659) in Flow

Flow cytometry analysis of K562 cells using a TCF4 polyclonal antibody (Product # PA5-25659) (right) compared to a negative control cell (left) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody

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