Datasheet for ABIN2662108

# anti-T-Bet antibody (Pacific Blue)

2 Images

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## Overview

| | |
|---|---|
| Quantity: | 100 µg |
| Target: | T-Bet |
| Reactivity: | Human, Mouse |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This T-Bet antibody is conjugated to Pacific Blue |
| Application: | Flow Cytometry (FACS) |

## Product Details

| | |
|---|---|
| Clone: | 4B10 |
| Isotype: | IgG1 kappa |
| Purification: | The antibody was purified by affinity chromatography, and conjugated with Pacific Blue™ under optimal conditions. The solution is free of unconjugated Pacific Blue™ . |

## Target Details

| | |
|---|---|
| Target: | T-Bet |
| Abstract: | T-Bet Products |
| Background: | T-bet, also known as T-box transcription factor T-bet, is considered to be a "master regulator" of Th1 lymphoid development controlling the production of the cytokine IFN-γ. T-bet is widely expressed in hematopoietic cells including stem cells, NK cells, B cells, and T cells. T-bet is critical for the control of microbial pathogens, and knockout animals show multiple physiologic |

## Target Details

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|---|---|
| | and inflammatory features characteristic of asthma. T-bet expression is optimally observed after IL-12 stimulation and can be suppressed by addition of the Th2 cytokine IL-4 or neutralization of IL-12. |

## Application Details

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|---|---|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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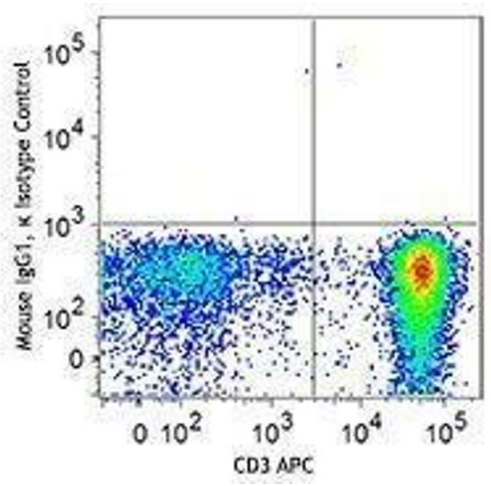
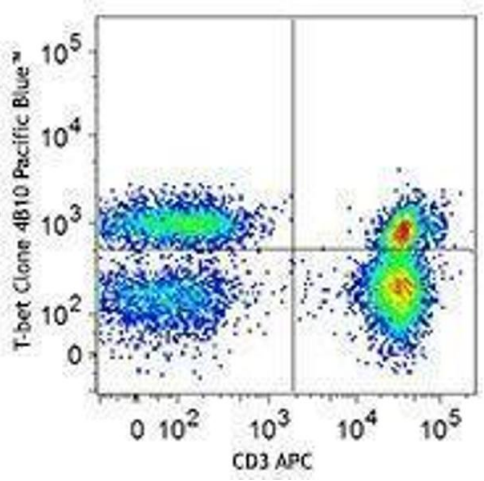
|---|---|
| Concentration: | 0.5 mg/mL |
| Buffer: | Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C |
| Storage Comment: | The antibody solution should be stored undiluted between 2°C and 8°C. |

## Images




**Flow Cytometry**

**Image 1.**




**Flow Cytometry**

**Image 2.**