PE Rabbit anti-Mouse T-bet/Tbx21 mAb

Catalog NO.: A28217

Basic Information

Observed MW

Calculated MW
58 kDa

Category
Monoclonal Antibodies

Applications
FC (intra)

Cross-Reactivity
Mouse

Conjugation
PE. Ex:565nm. Em:574nm.

Clone number
ARC74215

Background

Enables DNA binding activity and DNA-binding transcription activator activity, RNA polymerase II-specific. Involved in several processes, including T-helper 1 cell lineage commitment; negative regulation of T-helper 17 cell lineage commitment; and regulation of gene expression. Acts upstream of or within T cell differentiation and positive regulation of isotype switching to IgG isotypes. Located in neuronal cell body and nucleus. Is expressed in several structures, including central nervous system; colon; genitourinary system; sensory organ; and thymus. Used to study asthma. Human ortholog(s) of this gene implicated in asthma, nasal polyps, and aspirin intolerance and immunodeficiency 88. Orthologous to human TBX21 (T-box transcription factor 21).

Recommended Dilutions

FC (intra)
≤0.5 μg per million cells in 100 μl volume

Immunogen Information

Gene ID
57765

Swiss Prot
Q9JKD8

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
TBT1; Tbet; Tblym

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

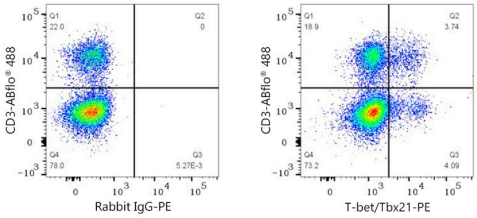
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rat anti-Mouse CD3 mAb (A27161,5 µl/Test) and then intracellularly-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse T-bet/Tbx21 mAb (A28217,0.5 µg,right).

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.