

Recombinant

DGRmAb®

T-bet/Tbx21 (DGR16643) Rabbit mAb

db16212

Package : 10µL 20µL 50µL 100µL

Product Name : T-bet/Tbx21 (DGR16643) Rabbit mAb**Cat.No.:** db16212**Synonyms** : TBET; IMD88; T-PET; T-bet; TBLYM**Application** : IHC-P**Reactivity** : Human**Host species** : Rabbit**Background**

This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is the human ortholog of mouse Tbx21/Tbet gene. Studies in mouse show that Tbx21 protein is a Th1 cell-specific transcription factor that controls the expression of the hallmark Th1 cytokine, interferon-gamma (IFNG). Expression of the human ortholog also correlates with IFNG expression in Th1 and natural killer cells, suggesting a role for this gene in initiating Th1 lineage development from naive Th precursor cells. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human T-bet/Tbx21

Gene ID

30009

Swiss Prot

Q9UL17

Synonyms

TBET; IMD88; T-PET; T-bet; TBLYM

Reactivity

Human

Application

IHC-P

Recommended dilution

IHC-P: 1:200-1:500

Calculated MW

58 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR16643

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.