



Mouse EOMES peptide (DAG-P1216)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene belongs to the TBR1 (T-box brain protein 1) sub-family of T-box genes that share the common DNA-binding T-box domain. The encoded protein is a transcription factor which is crucial for embryonic development of mesoderm and the central nervous system in vertebrates. The protein may also be necessary for the differentiation of effector CD8+ T cells which are involved in defense against viral infections. A similar gene disrupted in mice is shown to be essential during trophoblast development and gastrulation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013]
Specificity	Expressed in CD8+ T-cells.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 T-box DNA-binding domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	EOMES eomesodermin [Homo sapiens (human)]
Official Symbol	EOMES
Synonyms	EOMES; eomesodermin; TBR2; eomesodermin homolog; T-box brain protein 2;
Entrez Gene ID	8320

mRNA Refseq	NM_001278182.1
Protein Refseq	NP_001265111.1
UniProt ID	B7Z4K0
Chromosome Location	3p24.1
Pathway	Downstream signaling in naive CD8+ T cells, organism-specific biosystem; IL12-mediated signaling events, organism-specific biosystem;
Function	DNA binding; RNA polymerase II activating transcription factor binding; RNA polymerase II regulatory region sequence-specific DNA binding; RNA polymerase II transcription factor binding transcription factor activity involved in negative regulation of tran