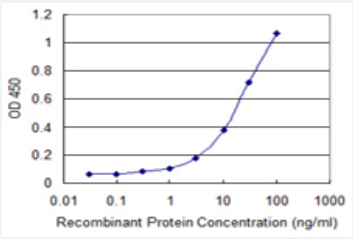
RAET1E monoclonal antibody (M01), clone 2D11

Catalog # H00135250-M01 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged RAET1E is 0.3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant RAET1E.
Immunogen	RAET1E (NP_631904.1, 36 a.a. ~ 145 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NFTIKSLSRPGQPWCEAQVFLNKNLFLQYNSDNNMVKPLGLLGKKVNATSTWGELTQTLGEVGRDLRMLLCDIKPQIKTSDPSTLQVEMFCQREAERCTGASWQFATNGE
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

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  Protocol Download

- ELISA

Gene Info — RAET1E

Entrez GeneID	135250
GeneBank Accession#	NM_139165
Protein Accession#	NP_631904.1
Gene Name	RAET1E
Gene Alias	LETAL, MGC125308, MGC125309, RAET1E2, ULBP4, bA350J20.7
Gene Description	retinoic acid early transcript 1E
Omim ID	609243
Gene Ontology	Hyperlink
Gene Summary	Members of the RAET1 family, such as RAET1E, are major histocompatibility complex (MHC) class I-related genes located within a 180-kb cluster on chromosome 6q24.2-q25.3. RAET1 proteins contain MHC class I-like alpha-1 and alpha-2 domains. RAET1E and RAET1G (MIM 609244) differ from the other RAET1 proteins (e.g., RAET1I, or ULBP1; MIM 605697) in that they have type I membrane-spanning sequences at their C termini rather than glycosylphosphatidylinositol anchor sequences. (Radosavljevic et al., 2002 [PubMed 11827464]).[supplied by OMIM
Other Designations	OTTHUMP00000017404|lymphocyte effector toxicity activation ligand

Pathway

- Natural killer cell mediated cytotoxicity

Disease

- Genetic Predisposition to Disease