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Product datasheet for TA360035

CD1E Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of Human CD1E
Specificity:	Expected reactivity: Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	35kDa
Gene Name:	CD1e molecule
Database Link:	<u>Entrez Gene 913 Human</u> <u>P15812-4</u>



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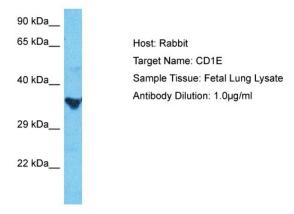
CD1E Rabbit Polyclonal Antibody – TA360035

Background:This gene encodes a member of the CD1 family of transmembrane glycoproteins, which are
structurally related to the major histocompatibility complex (MHC) proteins and form
heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of
primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human
genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1
family members are thought to differ in their cellular localization and specificity for particular
lipid ligands. The protein encoded by this gene localizes within Golgi compartments,
endosomes, and lysosomes, and is cleaved into a stable soluble form. The soluble form is
required for the intracellular processing of some glycolipids into a form that can be
presented by other CD1 family members. Many alternatively spliced transcript variants
encoding different isoforms have been described. Additional transcript variants have been
found; however, their biological validity has not been determined.

Synonyms:

CD1A; mCD1e; R2; R2G1

Product images:



Host: Rabbit Target Name: CD1E Sample Type: Fetal Lung lysates Antibody Dilution: 1.0ug/ml

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