

Anti-H2-D1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse
Molecular Weight:	Theoretical: 39 kDa. Actual: 39 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Lymph node (Mouse) Lysate at 40 µg Primary: Anti-H-2Dd (TMAB-06862) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: mouse H-2Dd
Antigen Species:	Mouse
Gene ID:	14964
Uniprot ID:	P01900

Research Background

Predicted to enable several functions, including 14-3-3 protein binding activity; TAP binding activity; and signaling receptor binding activity. Acts upstream of or within antigen processing and presentation of endogenous peptide antigen via MHC class I via ER pathway, TAP-dependent; negative regulation of neuron projection development; and positive regulation of T cell mediated cytotoxicity. Located in external side of plasma membrane. Colocalizes with membrane raft. Is expressed in several structures, including alimentary system; brain; early conceptus; genitourinary system; and hemolymphoid system gland. Human ortholog(s) of this gene implicated in several diseases, including asthma (multiple); autoimmune disease (multiple); eye disease (multiple); human immunodeficiency virus infectious disease (multiple); and inner ear disease (multiple). Orthologous to several human genes including HLA-A (major histocompatibility complex, class I, A); HLA-B (major histocompatibility complex, class I, B); and HLA-C (major histocompatibility complex, class I, C). [provided by Alliance of Genome Resources, Apr 2022]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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