

Anti-CD247 monoclonal antibody, clone H4 (DCABH-362)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to CD3 zeta
Antigen Description	Probable role in assembly and expression of the TCR complex as well as signal transduction upon antigen triggering.
Specificity	This antibody is specific for the CD3 zeta. The antibody is capable of precipitating both non-phosphorylated and tyrosine phosphorylated CD3 zeta.
Immunogen	113 amino acid synthetic peptide corresponding to the cytoplasmic domain of murine zeta.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Mouse, Human
Clone	H4
Purity	Protein A purified
Purification	Purified IgG prepared by affinity chromatography from tissue culture supernatant.
Conjugate	Unconjugated
Applications	Flow Cyt, IHC-Fr, WB, ELISA, IP
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.09% Sodium Azide; Constituents: PBS, pH 7.2

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Preservative	0.09% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	Cd247 CD247 antigen [Mus musculus]
Official Symbol	CD247
Synonyms	CD247; CD247 antigen; CD3-zeta/eta; T-cell receptor T3 eta chain; CD3 antigen, zeta polypeptide; T-cell surface glycoprotein CD3 zeta chain; Cd3; T3z; Cd3h; Cd3z; Tcrk; Tcrz; Cd3-eta; Cd3zeta; AW552088; Cd3-zeta; 4930549J05Rik; A430104F18Rik;
Entrez Gene ID	12503
Protein Refseq	NP_001106862
UniProt ID	P24161
Pathway	Adaptive Immune System, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Costimulation by the CD28 family, organism-specific biosystem; Downstream TCR signaling, organism-specific biosystem; Generation of second messenger molecules, organism-specific biosystem; Immune System, organism-specific biosystem;
Function	identical protein binding; protein binding; receptor activity; transmembrane signaling receptor activity;

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