

Anti-CD8 alpha Antibody (9B449)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	9B449
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of mouse CD8 alpha in mouse spleen with rabbit monoclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.
	2. Immunochemical staining of mouse CD8 alpha in mouse lymph node with rabbit monoclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.
	3. Immunochemical staining of mouse CD8 alpha in mouse thymus with rabbit monoclonal antibody at 1:300 dilution, formalin-fixed paraffin embedded sections.
Application:	ELISA,IHC-P
Recommended	ELISA: 1:5000-1:10000; IHC-P: 1:100-1:500

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. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Mouse CD8 alpha / CD8A Protein (TMPY-01314)
Antigen Species:	Mouse
Synonyms:	CD8;MAL;CD8a molecule;CD8 alpha;Leu2;p32;p32 186910;CD8 α;Leu-2

Research Background

T-cell surface glycoprotein CD8 alpha chain, also known as CD8a, is a single-pass type I membrane protein. The CD8 glycoprotein is expressed by thymocytes, mature T cells and natural killer (NK) cells and has been implicated in the recognition of monomorphic determinants on major histocompatibility complex (MHC) Class I antigens, and in signal transduction during the course of T-cell activation. Both human and rodent CD8 antigens are comprised of two distinct polypeptide chains, alpha and beta. The Ig domains of CD8 alpha are involved in controlling the ability of CD8 to be expressed. Mutation of B- and F-strand cysteine residues in CD8 alpha reduced the ability of the protein to fold properly and, therefore, to be expressed. Defects in CD8A are a cause of familial CD8 deficiency. Familial CD8 deficiency is a novel autosomal recessive immunologic defect characterized by absence of CD8+ cells, leading to recurrent bacterial infections.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481