Data Sheet (Cat.No.TMAY-03588F)

TargetMol

Anti-CD8 alpha Antibody-FITC (6H709)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Ferret
Conjugation:	FITC
Clone:	6H709
Purification:	Protein A

Applications

Verified Activity:	Analysis of Ferret CD8A expression on ferret splenocytes. Ferret splenocytes were stained with FITC-conjugated rabbit anti-Ferret CD8A. The histogram were derived from the gated events based on light scattering characteristics of viable cells.
Application:	FCM
Recommended	10 μl/Test, 0.1 mg/ml

Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Ferret CD8a / Lyt2 protein (TMPY-02165)
Antigen Species:	Ferret
Synonyms:	MAL;CD8 α;p32 186910;p32;CD8a molecule;CD8 alpha;Leu2;CD8;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.

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