

### 36-3519: Anti-CD8A (Cytotoxic- & Suppressor T-Cell Marker) Polyclonal Antibody

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	ELISA
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD8A
<b>Gene ID :</b>	925
<b>Uniprot ID :</b>	P01732
<b>Alternative Name :</b>	CD8 antigen, alpha polypeptide (p32), T8/Leu-2 T-lymphocyte differentiation antigen, Ly3, LYT3, MAL, T-cell surface glycoprotein CD8 alpha chain
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Recombinant fragment from C-terminal cytoplasmic domain of alpha chain of human CD8 (exact sequence is proprietary).

#### Description

CD8 is a cell surface receptor expressed either as a heterodimer with the CD8 beta chain (CD8 alpha/beta) or as a homodimer (CD8 alpha/alpha). A majority of thymocytes and a subpopulation of mature T cells and NK cell express CD8a. CD8 binds to MHC class 1 and through its association with protein tyrosine kinase p56lck plays a role in T cell development and activation of mature T cells. For mature T-cells, CD4 and CD8 are mutually exclusive, so anti-CD8, generally used in conjunction with anti-CD4. It is a useful marker for distinguishing helper/inducer T-lymphocytes, and most peripheral T-cell lymphomas are CD4+/CD8-. Anaplastic large cell lymphoma is usually CD4+ and CD8-, and in T-lymphoblastic lymphoma/leukemia, CD4 and CD8 are often co-expressed. CD8 is also found in littoral cell angiosarcoma of the spleen.

#### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of antibody Purified from rabbit anti-serum by Protein A chromatography. Supplied in 10mM PBS, pH 7.4 with 0.05% BSA and 0.05% sodium azide. Contact us if you require this antibody in a different format.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody is stable for 24 months. Non-hazardous.

#### Application Note

ELISA (For coating, order Ab without BSA);