



# Anti-CD8 monoclonal antibody, clone SJW12 (DMAB6659MH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal Antibody to CD8
<b>Antigen Description</b>	CD8 is a type I transmembrane glycoprotein expressed on a majority of thymocytes and also a subpopulation of peripheral blood T cells and NK cells. CD8 is a marker of cytotoxic T cells, which are specific for antigens presented by Major Histocompatibility Complex (MHC) class I molecules.
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	SJW12
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ICC, IHC-Fr
<b>Size</b>	200 µl
<b>Buffer</b>	This vial contains 100 µg protein-a purified IgG1 lyophilized from 100 µl PBS, pH 7.2
<b>Preservative</b>	None
<b>Storage</b>	≥1 year at 4°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CD8A CD8a molecule [ Homo sapiens ]</a>
<b>Official Symbol</b>	CD8A

<b>Synonyms</b>	CD8A; CD8a molecule; CD8; MAL; p32; Leu2; T-cell surface glycoprotein CD8 alpha chain; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; T-cell antigen Leu2; Leu2 T-lymphocyte antigen; CD8 antigen, alpha polypeptide (p32); T-lymphocyte differentiation antigen T8/Leu-2; OTTHUMP00000160760;OTTHUMP00000160764; OTTHUMP00000203528; OTTHUMP00000203721; CD8a antigen
<b>Entrez Gene ID</b>	<a href="#">925</a>
<b>Protein Refseq</b>	<a href="#">NP_001139345</a>
<b>UniProt ID</b>	<a href="#">P01732</a>
<b>Chromosome Location</b>	2p12
<b>Pathway</b>	Adaptive Immune System; Antigen processing and presentation; Cell adhesion molecules (CAMs); Downstream signaling in naive CD8+ T cells; Hematopoietic cell lineage; IL12-mediated signaling events; Immune System; Immunoregulatory interactions between a Lym.
<b>Function</b>	MHC class I protein binding; coreceptor activity; protein binding; protein homodimerization activity; protein kinase binding