

## CD8A

### Mouse Anti-Human CD8 (Clone UCHT4) FITC mAb

<b>Catalog No.</b>	CMH038	<b>Quantity:</b>	100 tests
<b>Alternate Names:</b>	T-cell surface glycoprotein CD8 alpha chain, T-lymphocyte differentiation antigen T8/Leu-2, CD8a		
<b>Description:</b>	CD8 (cluster of differentiation 8) is a transmembrane glycoprotein expressed as CD8 $\alpha\alpha$ homodimer or CD8 $\alpha\beta$ heterodimer. The alpha and beta isoforms are encoded by a different gene. CD8 serves as a co-receptor for the T cell receptor (TCR). Like the TCR, CD8 binds to a Major Histocompatibility Complex (MHC) molecule, specific only for the Class I MHC protein. It is predominantly expressed on the surface of cytotoxic/suppressor, peripheral T cells, but can also be found on NK cells.		
<b>UniProt ID:</b>	P01732		
<b>Concentration:</b>	0.1 mg/ml		
<b>Volume:</b>	1.0 ml		
<b>Specificity:</b>	Human, Rhesus, Cynomolgus, Chimpanzee CD8		
<b>Host:</b>	BALB/c mouse		
<b>Immunogen:</b>	Thymocytes and Sezary T-cells		
<b>Isotype:</b>	Mouse IgG2a kappa		
<b>Clone:</b>	UCHT4		
<b>Conjugate:</b>	FITC, fluorescein		
<b>Formulation:</b>	PBS containing 0.05% NaN <sub>3</sub>		
<b>Purification:</b>	Ion exchange chromatography		
<b>Applications:</b>	Flow cytometry, Fluorescence microscopy, IHC		
<b>Storage &amp; Stability:</b>	Store at 2-8°C, protect from light.		

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**Cell Sciences**<sup>®</sup>  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)