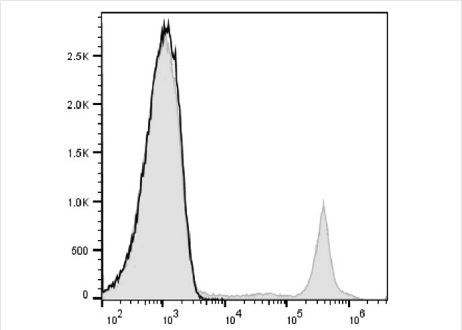
# CD8 Antibody – Mouse

## PRODUCT OVERVIEW

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| **Product Name** | CD8, Antibody |
| **Full Product Name** | PE/Elab Fluor 594 Anti-Human CD8 Antibody [UCHT-4] |
| **Product Gene Name** | anti-CD8 antibody |
| **Product Synonym Names** | T8; Leu2 |
| **Isotype** | IgG1, kappa |
| **Clone Number** | UCHT-4 |
| **Host** | Mouse |
| **Species Reactivity** | Human |
| **Preparation and Storage** | This product can be stored at 2-8 degree C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| **Matching Pairs** | Antibody: CD8 Clone #UCHT-4 (MBS2584866)<br>Isotype Control: IgG1, kappa Clone #MOPC-21 (MBS2572031) |
| **Molecular Weight** | 32kDa |
| **Chromosome Location** | Chromosome: 2; NC_000002.11 (87011728..87035519, complement). Location: 2p12 |
| **OMIM** | 186910 |
| **3D Structure** | ModBase 3D Structure for P01732 |
| **Conjugation** | PE/Fluor594 |
| **Product Categories/Family for anti-CD8 antibody** | Antibodies and Reagents; Primary Antibodies; Flow Cytometry Antibodies |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-CD8 antibody** | Flow Cytometry (FC/FACS) |
| **Related Product Information for anti-CD8 antibody** | MBS2584866 is an antibody targeting CD8. Also known as PE/Elab Fluor 594 Anti-Human CD8 Antibody [UCHT-4]. Reactive in Human. Host: Mouse. |
| **Other Notes** | Small volumes of anti-CD8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Flow Cytometry (FC/FACS) of anti-CD8 antibody**
Staining of normal human peripheral blood cells with PE/Fluor® 594 Anti-Human CD8 Antibody[UCHT-4] (filled gray histogram) or PE/Fluor® 594 Mouse IgG1, ? Isotype Control (empty black histogram). Cells in the lymphocytes gate were used for analysis.

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD8. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 925 |
| **NCBI GeneID** | 925 |
| **NCBI Accession #** | NP_001139345.1 |
| **UniProt Primary Accession #** | P01732 |
| **UniProt Secondary Accession #** | Q13970; Q4ZG17; D6W5M8 |
| **UniProt Related Accession #** | P01732 |
| **GenBank Nucleotide #** | NM_001145873.1 |
| **NCBI Official Full Name** | T-cell surface glycoprotein CD8 alpha chain isoform 1 |
| **NCBI Official Synonym Full Names** | CD8a molecule |
| **NCBI Official Symbol** | CD8A |
| **NCBI Official Synonym Symbols** | CD8; MAL; p32; Leu2 |
| **UniProt Protein Name** | T-cell surface glycoprotein CD8 alpha chain |
| **UniProt Synonym Protein Names** | T-lymphocyte differentiation antigen T8/Leu-2 |
| **Protein Family** | CD81 antigen |
| **UniProt Gene Name** | CD8A |
| **UniProt Synonym Gene Names** | MAL |
| **UniProt Entry Name** | CD8A_HUMAN |
| **NCBI Protein Information** | 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 |
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