

Mouse CD8 Monoclonal Antibody | anti-CD8 antibody

Anti-Hu CD8 PE

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129158	Mouse	Non-human primates, Human	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD8; Monoclonal Antibody; Anti-Hu CD8 PE; p32; LEU2; anti-CD8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Non-human primates, Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	LT8
Specificity	The mouse monoclonal antibody LT8 recognizes an extracellular epitope of CD8, a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. This antibody blocks Leu2 binding.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide
Applicable Applications for anti-CD8 antibody	FCM/FACS (Flow Cytometry)
Conjugation	PE
Immunogen	human blood lymphocytes
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8 antibody	The CD8 T cell coreceptor (monomer approx. 32-34kDa) is expressed as alpha/beta heterodimer on majority of MHC I-restricted conventional T cells and thymocytes and as alpha/alpha homodimer on subsets of memory T cells, intraepithelial lymphocytes, NK cells and dendritic cells. Regulation of CD8 beta level on T cell surface seems to be an important mechanism to control their effector Functional Application (FUNC)tion. Assembly of CD8 alpha-beta but not alpha-alpha dimers is connected with formation or localization to the lipid rafts. Recruiting triggered TCR complexes to these membrane microdomains as well as affinity of TCR to MHC I is modulated by CD8, thereby affecting the Functional Application (FUNC)ional diversity of the TCR signaling.
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References

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd8-antibody-clone-It8-flow-cytometry-elisa/129158>