Product Datasheet

CD8 (no azide) monoclonal antibody

Catalogue Code: AGIM0032

Antibody Data

Product SKU:	AGIM0032	**Clone**	MEM-31 (mouse)
Applications:	FC	**Conjugate**	Unconjugated
Reactivity:	Human		

Immunogen Information:

Host Species: Mouse

Isotype: IgG2a

Storage: Store at 4 °C. Avoid prolonged exposure to light.

Background:

The CD8 T cell coreceptor (monomer approx. 32-34 kDa) is expressed as ab heterodimer on majority of MHC I-restricted conventional T cells and thymocytes and as aa homodimer on subsets of memory T cells, intraepithelial lymphocytes, NK cells and dendritic cells. Regulation of CD8b level on T cell surface seems to be an important mechanism to control their effector function. Assembly of CD8 a-b but not a-a 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 diversity of the TCR signaling. This material is offered for research only. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

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