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30-1752: Anti-CD8a Monoclonal Antibody (Clone:53-6.7)-APC Conjugated

Clonality :	Monoclonal
Clone Name :	53-6.7
Application :	FACS
Reactivity :	Mouse
Conjugate :	APC
Gene :	Cd8a
Gene ID :	12525
Uniprot ID :	P01731
Alternative Name :	Cd8a,Lyt-2,Lyt2
Isotype :	Rat IgG2a
Immunogen Information :	Mouse spleen cells

Description

The CD8a (CD8 alpha) subunit of CD8 T cell coreceptor is expressed in CD8 alpha/beta heterodimers on majority of MHC I-restricted conventional T cells and thymocytes and in CD8 alpha/alpha homodimers on subsets of memory T cells, intraepithelial lymphocytes, NK cells, macrophages and dendritic cells. Regulation of CD8 beta level on T cell surface seems to be an important mechanism to control their effector function. 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 diversity of the TCR signaling.

Product Info

Amount :	0.1 mg
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

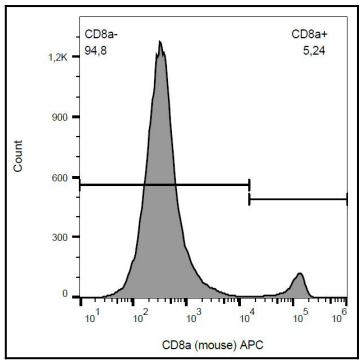


Figure 1: Surface staining of murine splenocytes with anti-CD8a (53-6.7) APC.

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