

FITC Anti-Human CD8 (SK1) Antibody
Catalog # ATB10432

Specification

FITC Anti-Human CD8 (SK1) Antibody - Product Information

Application	FC
Isotype	Mouse IgG1, kappa
Concentration	5 µL (0.125 µg)/test
Reactivity	Human
Formulation	10mM NaH ₂ PO ₄ , 150 mM NaCl, 0.09% NaN ₃ , 0.1% gelatin, pH7.2 0.1% gelatin, pH7.2

FITC Anti-Human CD8 (SK1) Antibody - Additional Information

Gene ID	925
Gene Name	CD8A
Alternative Name(s)	
CD8 alpha, leu-2a	

Format
FITC

Storage Conditions
2-8°C protected from light

FITC Anti-Human CD8 (SK1) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FITC Anti-Human CD8 (SK1) Antibody - Images

FITC Anti-Human CD8 (SK1) Antibody - Background

The SK1 antibody is specific for the 32-34 kDa alpha chain of human CD8, known as CD8a or CD8 alpha. CD8a can form a homodimer (CD8 alpha-alpha), but is more commonly expressed as a heterodimer with a second chain known as CD8b or CD8 beta. CD8 acts as a co-receptor for antigen recognition and subsequent T cell activation that is initiated upon binding of the T cell receptor (TCR) to antigen-bearing MHC Class I molecules. The cytoplasmic domains of CD8 provide binding sites for the tyrosine kinase lck, facilitating intracellular signaling events that lead to T cell

activation, development, and cytotoxic effector functions. CD8+ cytotoxic T cells (CTLs) play an important role in inducing cell death of tumor cells, as well as cells infected by virus, bacteria or parasites.

FITC Anti-Human CD8 (SK1) Antibody - References

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Ahmed AFK, Ohtani H, Nio M, Fuanki N, Shimaoka S, Nagura H and Ohi R. 2001. *J. Pathol.* 193(3): 383-389. (Immunohistochemistry)

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