

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse CD8 α . Reacts with alpha chains of mouse CD8 (Bierer, B.E. <i>et al.</i> (1989) <i>Annu. Rev. Immunol.</i> 7:579).
Source	Monoclonal Rat IgG _{2A} Clone # 53-6.7
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse thymus and spleen cells
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

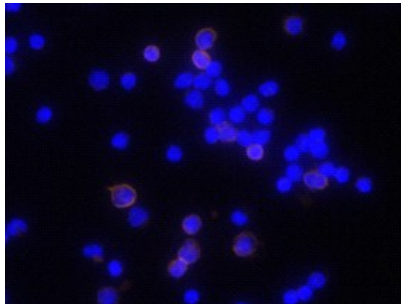
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25 μ g/10 ⁶ cells	Mouse splenocytes
Immunocytochemistry	8-25 μ g/mL	See Below

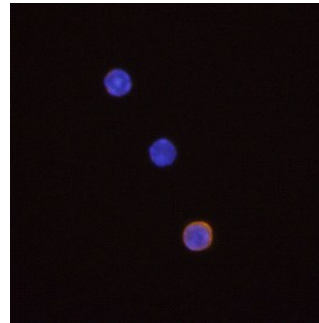
DATA

Immunocytochemistry



CD8 α in Mouse Splenocytes. CD8 α was detected in immersion fixed mouse splenocytes using 10 μ g/mL Rat Anti-Mouse CD8 α Biotinylated Monoclonal Antibody (Catalog # BAM116) for 3 hours at room temperature. Cells were stained with the NorthernLights™ 557-conjugated Streptavidin (red; Catalog # NL999) and counterstained with DAPI (blue). View our protocol for [Fluorescent ICC Staining of Non-adherent Cells](#).

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PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.