

Product Datasheet

Anti-Rt CD8b FITC (orb154480)

Description	Mouse monoclonal antibody conjugated to FITC which recognizes CD8B that also known as P37 and LEU2. CD8 is thought to play a role in the process of T-cell mediated killing. CD8 binds to MHC class I and plays a role in T cell development and activation of mature T cells. The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system.
Reactivity	Rat
Conjugation	FITC
Tested Applications	FC
Immunogen	CD8 positive Wistar rat splenic T cell hybridomas
Target	CD8b
Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Concentration	0.5 mg/ml
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Application notes	Flow cytometry: Recommended dilution: 1-4 µg/ml.
Isotype	Mouse IgG1 kappa
Clonality	Monoclonal
Clone Number	341
Antibody Type	Primary Antibody

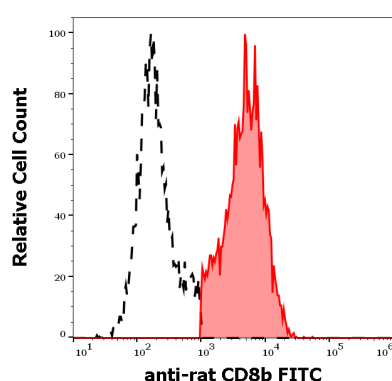
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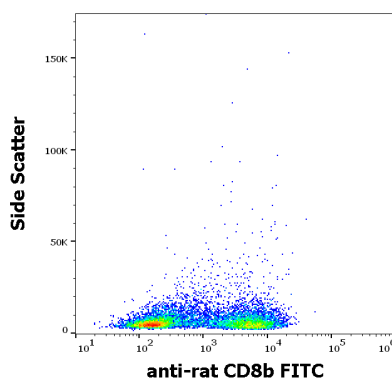
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Purity	Purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Uniprot ID	P10966
Entrez	926
Expiration Date	12 months from date of receipt.



Separation of rat CD8b positive cells (red-filled) from CD8b negative cells (black-dashed) in flow cytometry analysis (surface staining) rat splenocyte suspension stained using anti-rat CD8b (341) FITC antibody (concentration in sample 1 µg/ml).



Flow cytometry surface staining pattern of rat splenocyte suspension stained using anti-rat CD8b (341) FITC antibody (concentration in sample 1 µg/ml).

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