

CD8a recombinant antibody

Anti-CD8a [OX-8], Mouse IgG1, kappa

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72440	Mouse	Rat	Immunohistochemistry, Immunofluorescence, Functional Assay, Flow Cytometry, Functional Assay, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CD8a; Monoclonal Recombinant Antibody; Anti-CD8a [OX-8]; Mouse IgG1; kappa; CD8; Leu2; MAL; p32; CD8a molecule; OX8; CD8a recombinant antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Rat
Clonality	Monoclonal
Isotype	Mouse IgG1 kappa
Clone Number	OX-8
Specificity	This antibody binds to rat CD8a.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for CD8a recombinant antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FA (Functional Assay), FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), WB (Western Blot)
Chimeric Use Statement	This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of fixed rat splenocytes with anti-CD8a antibody OX-8 (AAA72440). Immunofluorescence analysis of paraformaldehyde fixed rat splenocytes on Shi-fix cover-slips stained with the chimeric rabbit IgG version of OX-8 (AAA72440) (1:100 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane and cytoplasmic staining. The nucleus is stained DAPI (blue). Panels show from left to right, top-bottom AAA72440, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

WB (Western Blot)

Western Blot analysis of rat splenocyte lysates probed with anti-CD8a antibody OX-8 (AAA72440). The blot shows a single band at approximately 32 kDa, corresponding to the CD8a molecule. The isotype control shows no band.



FCM/FACS (Flow Cytometry)

Flow cytometry using the Anti-CD8a antibody OX-8 (AAA72440). Paraformaldehyde fixed rat splenocytes permeabilized with 0.5% Triton were restained with anti-unknown specificity antibody or the rabbit IgG version of OX-8 (AAA72440, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG Alexa Fluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACScan flow cytometer.

ADDITIONAL INFORMATION

Related Product Information for CD8a recombinant antibody	Membrane glycoproteins from rat thymocytes.
References	Brideau et al. Two subsets of rat T lymphocytes defined with monoclonal antibodies. 1980 Eur J Immunol 10:609-15 N/A6967416 Note on publication: Describes the generation of this antibody.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd8a-recombinant-antibody-clone-ox-8-immunohistochemistry-immunofluorescence-functional-assay-flow-cytometry-immunoprecipitation-western-blot-elisa/72440>