

Mouse anti-Mouse c-FER Monoclonal Antibody | anti-c-FER antibody

Anti-c-FER Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266061	Mouse	Mouse	Flow Cytometry, Functional Assay, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

c-FER; Monoclonal Antibody; Anti-c-FER Antibody; anti-c-FER antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2a kappa
Specificity	Recognizes endogenous levels of c-FER protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgG2a kappa. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-c-FER antibody	FCM/FACS (Flow Cytometry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human c-FER. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



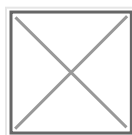
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of NIH3T3 cells using Anti-c-FER Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Mouse IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



IF (Immunofluorescence)

Immunofluorescent analysis of c-FER staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of c-FER expression in NIH3T3 (A), mouse testis (B), mouse liver (C) whole cell lysates. (Predicted band size: 94 kD; Observed band size: 100 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-c-FER antibody	Mouse monoclonal antibody to c-FER
Product Categories/Family for anti-c-FER antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	226054043
NCBI GeneID	14158
NCBI Accession #	NP_001033086.2
NCBI GenBank Nucleotide #	NM_001037997.3
UniProt Accession #	P70451 ; Q61561 ; Q6PEE5 ; Q80UI3 ; Q8C481 ; Q9EQ77
Molecular Weight	94,579 Da
NCBI Official Full Name	tyrosine-protein kinase Fer isoform a
NCBI Official Synonym Full Names	fer (fms/fps related) protein kinase, testis specific 2
NCBI Official Symbol	Fert2
NCBI Official Synonym Symbols	Fer; Fert; AV082135; C330004K01Rik
NCBI Protein Information	tyrosine-protein kinase Fer; p94-Fer; proto-oncogene c-Fer; proto-oncogene tyrosine-protein kinase Fer
UniProt Protein Name	Tyrosine-protein kinase Fer
UniProt Gene Name	Fer
UniProt Synonym Gene Names	Fert2
UniProt Entry Name	FER_MOUSE

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/c-fer-antibody-flow-cytometry-immunochemistry-immunofluorescence-western-blot-elisa/266061>