

Datasheet for ABIN515792
anti-c-FOS antibody (AA 1-380)



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3 Images

Overview

Quantity:	100 µg
Target:	c-FOS (c-Fos)
Binding Specificity:	AA 1-380
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This c-FOS antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant FOS.
Immunogen:	FOS (AAH04490, 1 a.a. ~ 380 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MMFSGFNADY EASSSRCSSA SPAGDLSLSYY HSPADSFSSM GSPVNAQDFC TDLAVSSANF IPTVTAISTS PDLQWLQPA LVSSVAPSQT RAPHFPGVPA PSAGAYSRAG VVKTMTGGRA QSIGRRGKVE QLSPEEEEEKR RIRRERNKMA AAKCRNRRRE LTDTLQAETD QLEDEKSALQ TEIANLLKEK EKLEFILA AH RPACKIPDDL GFPEEMSVAS LDLTGGLPEV ATPESSEEAFT LPLLNDPEPK PSVEPVKSIS SMELKTEPFD DFLFPASSRP SGSETARSVP DMDLSGSFYA ADWEPLHSGS LGMGPMATEL EPLCTPVVTC TPSCTAYTSS FVFTYPEADS FPSCAAAHRK GSSSNPSSD SLSSPTLLAL
Clone:	2D11

Product Details

Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

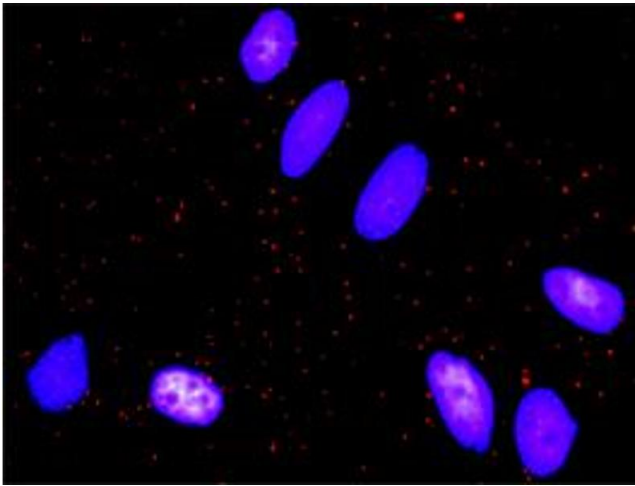
Target:	c-FOS (c-Fos)
Alternative Name:	FOS (c-Fos Products)
Background:	Full Gene Name: v-fos FBJ murine osteosarcoma viral oncogene homolog Synonyms: AP-1,C-FOS
Gene ID:	2353
Pathways:	S100 Proteins

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

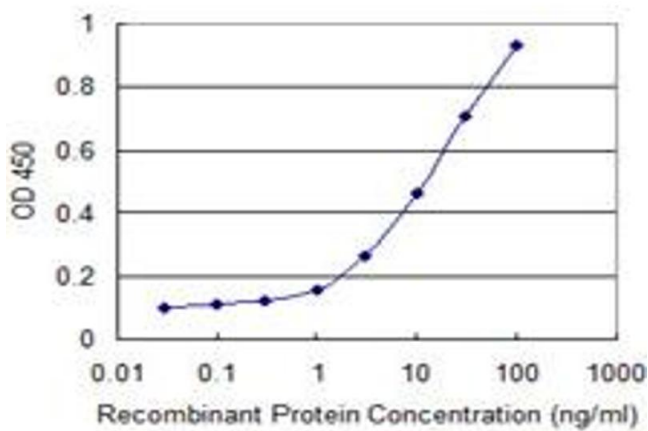
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



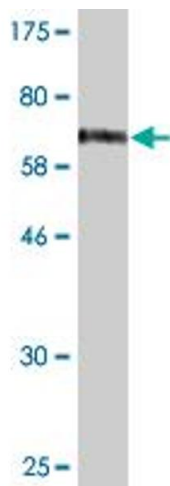
Proximity Ligation Assay

Image 1. Proximity Ligation Analysis of protein-protein interactions between EGFR and FOS. HeLa cells were stained with anti-EGFR rabbit purified polyclonal 1:1200 and anti-FOS mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



ELISA

Image 2. Detection limit for recombinant GST tagged FOS is 0.3 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (67.54 kDa).