

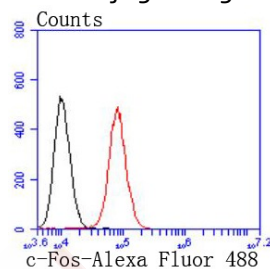
## Anti-FOS Antibody (8B580)

## Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 62 kDa.
Clone:	8B580
Purification:	ProA affinity purified

## Applications

Verified Activity: 1. Flow cytometric analysis of NIH/3T3 cells with c-Fos antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Application:	FCM,WB
Recommended	WB: 1:1000; FCM: 1:50-100

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P01100
Synonyms:	G0S7;p55;Activator protein 1;Cellular oncogene c fos;C FOS;FBJ Osteosarcoma Virus;Oncogene FOS;AP 1;Proto-oncogene c-Fos;G0/G1 switch regulatory protein 7;FBJ murine osteosarcoma viral (v fos) oncogene homolog (oncogene FOS)

## Research Background

The c-Fos oncogene was initially detected in two independent murine osteosarcoma virus isolates and an avian nephroblastoma virus. The cellular homolog, c-Fos, encodes a nuclear phospho-protein that is rapidly and transiently induced by a variety of agents and functions as a transcriptional regulator for several genes. In contrast to c-Jun proteins, which form homo- and heterodimers which bind to specific DNA response elements, c-Fos proteins are only active as heterodimers with members of the Jun gene family. Functional homologs of c-Fos include the Fra-1, Fra-2 and Fos B genes. In addition, selected ATF/CREB family members can form leucine zipper dimers with Fos

and Jun. Different dimers exhibit differential specificity and affinity for AP-1 and CRE sites.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481