

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human c-Fos in direct ELISAs and Western blots. In direct ELISAs, less than 2% cross-reactivity with recombinant human Fos-B is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human c-Fos Met1-Leu132 Accession # P01100
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Cellular oncogene fos (c-Fos) is one of four Fos family proteins that associate with Jun family proteins to form the AP-1 transcription factor complex. It is thought to have an important role in signal transduction, cell proliferation and differentiation. Cellular oncogene fos (c-Fos) is constitutively sumoylated by SUMO1, SUMO2 and SUMO3. Within aa 1-132, human c-Fos shares 92% aa sequence identity with mouse and rat c-Fos.

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