

FOS Ab

[Images\(1\)](#)

Cat.#: BF0115	Concn.: ~1mg/ml	Mol.Wt.: 40.7kDa
Size:	Source: Mouse	Clonality: Monoclonal
Application:	ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000, FCM 1:200-1:400, IF/ICC 1:200 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human	
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	Affinity-chromatography.	
Immunogen:	Purified recombinant fragment of human FOS expressed in E. Coli.	
Uniprot:	P01100	
Description:	The Fos gene family consists of 4 members: FOS, FOSB, FOSL1, and FOSL2. These genes encode leucine zipper proteins that can dimerize with proteins of the JUN family, thereby forming the transcription factor complex AP-1. As such, the FOS proteins have been implicated as regulators of cell proliferation, differentiation, and transformation. In some cases, expression of the FOS gene has also been associated with apoptotic cell death.	

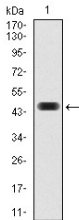


Figure 1: Western blot analysis using FOS mAb against human FOS (AA: 116-298) recombinant protein. (Expected MW is 45.8 kDa)

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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