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Product datasheet for AM06762SU-N

c Fos (FOS) Mouse Monoclonal Antibody [Clone ID: 2G2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2G2
Applications:	ELISA, FC, IHC, WB
Recommended Dilution:	**ELISA:** 1/10000. **Western Blot:** 1/500 - 1/2000. **Flow Cytometry:** 1/200 - 1/400. **Immunohistochemistry on Paraffin Sections:** 1/200 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human FOS expressed in E. Coli.
Specificity:	Recognizes c-fos
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	40.7 kDa
Gene Name:	Fos proto-oncogene, AP-1 transcription factor subunit
Database Link:	Entrez Gene 2353 Human P01100
Background:	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.

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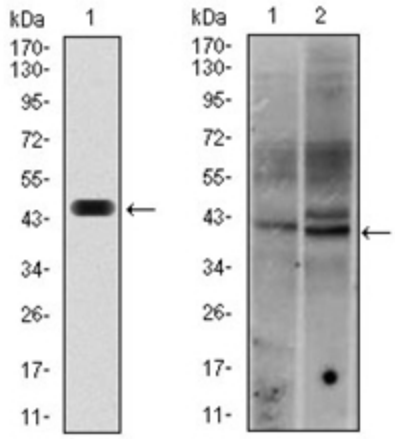
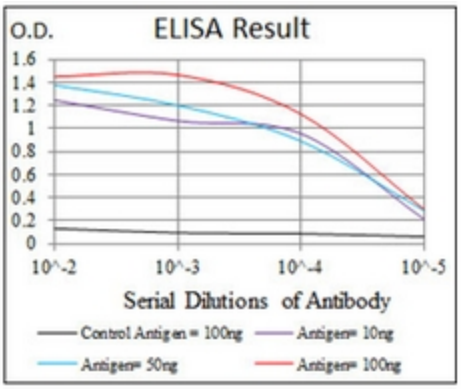
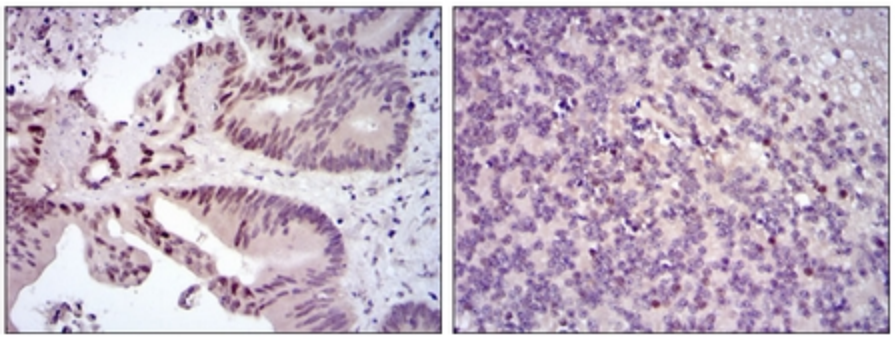
Synonyms: FOS, G0S7

Product images:

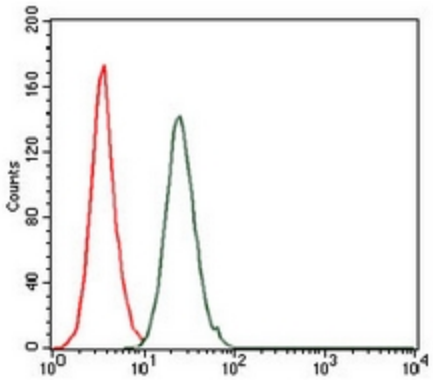


Left: Western blot analysis using FOS antibody Cat.-No AM06762SU-N against human FOS (AA: 116-298) recombinant protein (Expected MW is 45.8 kDa). Right: Western blot analysis using FOS antibody Cat.-No AM06762SU-N against HeLa (1), and HeLa (2) cell lysate.





Immunohistochemical analysis of paraffin-embedded colon cancer tissues (left) and cerebellum tissues (right) using FOS antibody Cat.-No AM06762SU-N with DAB staining.



Flow Cytometric analysis of HeLa cells using FOS antibody Cat.-No AM06762SU-N (green) and negative control (red).