



# Monoclonal antibody against FOS peptide (359-378) [LA 054]

VR-1518AF-MAB™

## Description

Immunization Schedule: Approximately 70 g of coupled peptide in 300 l of a 1:1 mixture of phosphate buffered saline pH 7.4 and complete Freund's adjuvant administered intraperitoneally on day 0; followed by an equal amount of conjugate in 300 l of a 1:1 mixture of phosphate buffered saline pH 7.4 and 10 mg/mL alum administered intraperitoneally on day 14; followed by 70 g of coupled peptide in 200 l of phosphate buffered saline pH 7.4 administered intravenously on day 51. The spleen was removed on day 56.

**Antibody class:** IgG1

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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## Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

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## BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as

## Monoclonal antibody against FOS peptide (359-378)

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guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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### Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### Product Information

**Immunogen species:** Synthetic peptide RKGSSSNEPSSDSLSSPTLL(C) (residues 359-378 of the FOS sequence) coupled to keyhole limpet hemocyanin

**Animal:** Male 129GIX+ mice were used for immunization.

**Adjuvant:** complete Freund's adjuvant

**Material development:**

Source and Sex of Animals: Male 129GIX+ mice were used for immunization.

Fusion Partners:  $1.3 \times 10^8$  nucleated spleen cells with  $2 \times 10^7$  SP2/0 non-secreting myeloma cells

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**Cross-reactivity:** In immunoblot screening a protein of approximately 55 kd is detected in a fibroblast cell line transformed by fes, sis, and scr.

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### Quality Control Specifications

## Monoclonal antibody against FOS peptide (359-378)

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**Mycoplasma contamination:** Not detected

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### Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Monoclonal antibody against FOS peptide (359-378) [LA 054] (ATCC VR-1518AF-MAB)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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### Revision

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