

# Anti-Mos [S3.1]

**Catalogue number:** 151019

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Julian Gannon

**Institute:** Cancer Research UK, London Research Institute: Clare Hall Laboratories

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Mos [S3.1]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** MOS (or CSF) is a mitogen-activated protein kinase kinase kinase (MAP3K) that is present in eggs during meiosis. It is destroyed after exit from meiosis II before fertilisation. It provides a good marker for studies of oocytes during oogenesis and maturation.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG2a

**Reactivity:** *Xenopus laevis*

**Selectivity:**

**Host:** Mouse

**Immunogen:** Recombinant (*Xenopus laevis*) Mos fusion protein

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Mos

**Target alternate names:**

**Target background:** MOS (or CSF) is a mitogen-activated protein kinase kinase kinase (MAP3K) that is present in eggs during meiosis. It is destroyed after exit from meiosis II before fertilisation. It provides a good marker for studies of oocytes during oogenesis and maturation.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** IHC ; IP ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Nebreda et al. 1995. EMBO J. 14(22):5597-607. PMID: 8521817. ; Newly synthesized

protein(s) must associate with p34cdc2 to activate MAP kinase and MPF during progesterone-induced maturation of *Xenopus* oocytes.

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