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## Mouse TNF- $\alpha$ ELISPOT Antibody Pair

**Catalog No:** CK1068

**Size:** 10 plate format

### Coating antibodies (2 vials)

**Product:** Monoclonal antibody to mouse tumor necrosis factor alpha (TNF- $\alpha$ )

**Isotype:** Rat IgG<sub>1</sub>

**Production:** *In vitro* using Hybridoma-SFM medium

**Purification:** Protein G chromatography

**Contents:** Each vial contains sufficient material for coating of five 96-well ELISPOT plates

**Buffer:** Prior to lyophilization: 0.25 ml PBS + 125 mM trehalose

**Application:** Coating antibody in an ELISPOT system

**Reconstitution:** Dissolve the contents of one vial by injection of 0.25 ml distilled water into the vial and dilute 100 times in PBS. The total amount of one vial is sufficient for five 96-well ELISPOT plates (480 determinations; 50  $\mu$ l/well)

### Detection antibodies (2 vials)

**Product:** Biotinylated polyclonal antibody to mouse tumor necrosis factor alpha (TNF- $\alpha$ )

**Isotype:** Rabbit IgG<sub>1</sub>

**Purification:** Ammonium sulphate precipitation, protein A- and ligand-affinity chromatography

**Labeling:** With Biotin-7-NHS (N-hydroxysuccinimide)

**Contents:** Each vial contains sufficient material for five 96-well ELISPOT plates

**Buffer:** Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose

**Application:** Detection antibody in an ELISPOT system

**Reconstitution:** Dissolve the contents of one vial by injection of 0.5 ml distilled water into the vial and dilute 100 times in Dilution buffer (see Technical Datasheet). The total amount of one vial is sufficient for five 96-well ELISPOT plates (480 determinations; 100  $\mu$ l/well)

### General

**Specificity:** Validated for detecting mouse TNF- $\alpha$

**Sterility:** Membrane filtered (0.2  $\mu$ m)

**Stability:** The lyophilized products are stable for more than one year at 4°C (expiration date is indicated on the vials). After reconstitution, the antibodies are stable for several months at 4°C (if kept sterile) or for a minimal of one year at -20°C.

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