

## Anti-Monensin [1-100] Standard Size Ab00348-1.6

This is a Fab fragment with a his-tag.

**Isotype and Format:** Mouse Fab fragment, His-Tagged, Kappa

**Clone Number:** 1-100

**Alternative Name(s) of Target:** Elancoban; Monelan; Monensium, Monensina

**UniProt Accession Number of Target Protein:**

**Published Application(s):** Blocking, ELISA

**Published Species Reactivity:**

**Immunogen:** Monensin conjugated to BSA.

**Specificity:** 1-100 binds monensin with an IC(50) value of  $31 \times 10^{-9}$  M.

**Application Notes:** Monensin is a polyether antibiotic derived from *Stryptomyces cinnamonensis*. It acts as an ionophore for monovalent cations.

**Antibody First Published in:** Mavandi-Nejad et al. 2010 Selection of single chain variable fragment (scFv) antibodies from a hyperimmunized phage display library for the detection of the antibiotic monensin.

Journal of Immunological Methods 2010; 360(1-2):103-118 [PMID:20600077](#)

**Note on publication:** Describes the isolation of monensin-specific scFvs from mouse splenocytes.

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.