

## Anti-ectodysplasin A [EctoD2] Bulk Size Ab00912-1.1-BT

**Isotype and Format:** Mouse IgG1, Kappa

**Clone Number:** EctoD2

**Alternative Name(s) of Target:** O54693; Q92838; Ectodysplasin-A; EDA

**UniProt Accession Number of Target Protein:**

**Published Application(s):** SDS-PAGE, WB, Block, ELISA, FC

**Published Species Reactivity:** Human, Mouse

**Immunogen:** This antibody was raised by immunising Eda-deficient Tabby mice with an active recombinant form of EDA1 (Fc-EDA1).

**Specificity:** This antibody recognises the conserved extracellular, receptor-binding region of murine, avian and human ectodysplasin-A.

**Application Notes:** The specificity of this antibody for EDA has been confirmed in SDS-PAGE, Western blot, ELISA, native gel electrophoresis and FC experiments (Kowalczyk-Quintas et al, 2014). This antibody blocks mammalian and avian EDA1 and EDA2 from binding EDAR (Kowalczyk-Quintas et al, 2014). When administered to pregnant wild-type mice, this antibody induces foetal ectodermal dysplasia (Kowalczyk-Quintas et al, 2014). Therapeutically, this antibody may be useful in the treatment of disorders arising as a result of excessive EDA1 action.

**Antibody First Published in:** Kowalczyk-Quintas et al. Generation and characterization of function-blocking anti-ectodysplasin A (EDA) monoclonal antibodies that induce ectodermal dysplasia. J Biol Chem. 2014 Feb 14;289(7):4273-85. [PMID:24391090](#)

**Note on publication:** Describes the original generation of this antibody and its characterisation using SDS-PAGE, WB, ELISA gel electrophoresis and FC experiments.

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.