

Anti-ectodysplasin A [EctoD2] Standard Size Ab00912-1.1

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: 200 µg Purified antibody.

Purification: Protein A affinity purified

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.