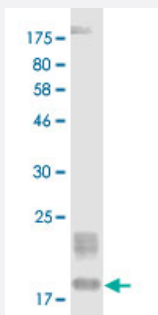


# EDA monoclonal antibody (M04), clone 1C9

Catalog # H00001896-M04

Size 100 ug

## Applications



Western Blot detection against Immunogen (18.37 KDa) .

## Specification

|                                |   |
|--------------------------------|---|
| <b>Product Description</b>     | Mouse monoclonal antibody raised against a partial recombinant EDA.   |
| <b>Immunogen</b>               | EDA (NP_001390.1 , 245 a.a. ~ 391 a.a) partial recombinant protein.   |
| <b>Sequence</b>                | ENQPAVVHLQGQGSIAIQVKNDLSGGVLNDWSRITMNPVKVFKLHPRSGELEVLDGTYFYISQVEV<br>YYNFTDFASYEVVVDEKPFLLQCTRSIETGKTNNTCYTAGVCLLKARQKIAVKMVHADISINMSKHT<br>TFFGAIRLGEAPAS |
| <b>Host</b>                    | Mouse   |
| <b>Reactivity</b>              | Human   |
| <b>Isotype</b>                 | IgG2a Kappa   |
| <b>Quality Control Testing</b> | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (18.37 KDa) .  |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4   |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.  |

## Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — EDA

Entrez GeneID [1896](#)

GeneBank Accession# [NM\\_001399.1](#)

Protein Accession# [NP\\_001390.1](#)

Gene Name EDA

Gene Alias ED1, ED1-A1, ED1-A2, EDA1, EDA2, HED, XHED, XLHED

Gene Description ectodysplasin A

Omim ID [300451](#) [300606](#) [305100](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is a type II membrane protein that can be cleaved by furin to produce a secreted form. The encoded protein, which belongs to the tumor necrosis factor family, acts as a homotrimer and may be involved in cell-cell signaling during the development of ectodermal organs. Defects in this gene are a cause of ectodermal dysplasia, anhidrotic, which is also known as X-linked hypohidrotic ectodermal dysplasia. Several transcript variants encoding many different isoforms have been found for this gene. [provided by RefSeq]

**Other Designations** OTTHUMP00000023461|OTTHUMP00000023463|X-linked anhidrotic ectodermal dysplasia protein|ectodermal dysplasia 1, anhidrotic|ectodermal dysplasia, anhidrotic (hypohidrotic)|ectodysplasin-A

## Pathway

- [Cytokine-cytokine receptor interaction](#)