

EDA monoclonal antibody (M01), clone 3E12

Catalog # H00001896-M01

Size 100 ug

Applications



Western Blot detection against Immunogen (18.37 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant EDA.
Immunogen	EDA (NP_001390.1 , 245 a.a. ~ 391 a.a) partial recombinant protein.
Sequence	ENQPAVVHLQGQGSIAIQVKNDLSGGVLNDWSRITMNPVKVFKLHPRSGELEVLDGTYFYISQVEV YYNFTDFASYEVVVDEKPFLLQCTRSIETGKTNNTCYTAGVCLLKARQKIAVKMVHADISINMSKHT TFFGAIRLGEAPAS
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (18.37 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	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](#)