

Product datasheet for **AM50358PU-S**

EDAR Mouse Monoclonal Antibody [Clone ID: AT19E8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT19E8
Applications:	ELISA, WB
Recommended Dilution:	The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended starting dilution is 1:1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant human EDAR (27-448aa) purified from E.coli.
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-A affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ectodysplasin A receptor
Database Link:	Entrez Gene 10913 Human Q9UNE0



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Background:

Tumor necrosis factor receptor superfamily member EDAR is a protein that in humans is encoded by the EDAR gene. EDAR and other genes provide instructions for making proteins that work together during embryonic development. These proteins form part of a signaling pathway that is critical for the interaction between two cell layers, the ectoderm and the mesoderm. In the early embryo, these cell layers form the basis for many of the body's organs and tissues. Ectoderm-mesoderm interactions are essential for the proper formation of several structures that arise from the ectoderm, including the skin, hair, nails, teeth, and sweat glands.

Synonyms:

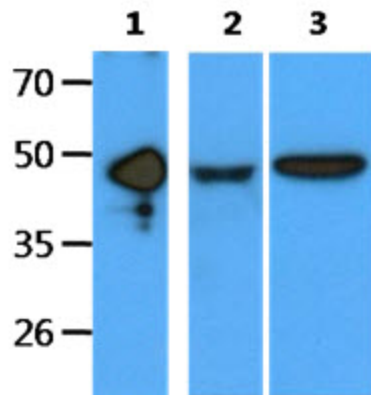
Ectodysplasin-A receptor, EDA-A1 receptor, DL, ED3, ED5, ED1R, EDA3, HRM1, EDA1R, EDA-A1R, FLJ94390

Protein Families:

Druggable Genome, Transmembrane

Protein Pathways:

Cytokine-cytokine receptor interaction

Product images:

The recombinant protein (50ng) and cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human EDAR antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1 : Recombinant protein Lane 2 : A549 cell lysate Lane 3 : Ramos cell lysate