

## ARG57039 anti-EDAR antibody [19E8]

Package: 50 µl  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [19E8] recognizes EDAR
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	19E8
Isotype	IgG2a, kappa
Target Name	EDAR
Species	Human
Immunogen	Recombinant fragment around aa. 27-448 of Human EDAR.
Conjugation	Un-conjugated
Alternate Names	ECTD10B; Ectodermal dysplasia receptor; DL; ECTD10A; EDA1R; Tumor necrosis factor receptor superfamily member EDAR; ED1R; Downless homolog; Ectodysplasin-A receptor; ED5; HRM1; ED3; EDA3; Anhidrotic ectodysplasin receptor 1; EDA-A1R; EDA-A1 receptor

### Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links

[GeneID: 10913 Human](#)

[Swiss-port # Q9UNE0 Human](#)

Gene Symbol

EDAR

Gene Full Name

ectodysplasin A receptor

Background

This gene encodes a member of the tumor necrosis factor receptor family. The encoded transmembrane protein is a receptor for the soluble ligand ectodysplasin A, and can activate the nuclear factor-kappaB, JNK, and caspase-independent cell death pathways. It is required for the development of hair, teeth, and other ectodermal derivatives. Mutations in this gene result in autosomal dominant and recessive forms of hypohidrotic ectodermal dysplasia. [provided by RefSeq, Jul 2008]

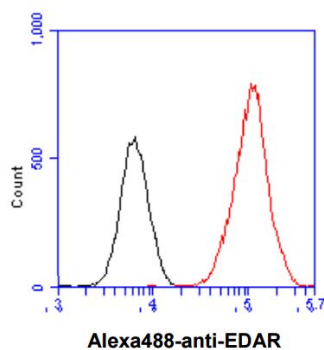
Function

Receptor for EDA isoform A1, but not for EDA isoform A2. Mediates the activation of NF-kappa-B and JNK. May promote caspase-independent cell death. [UniProt]

Calculated Mw

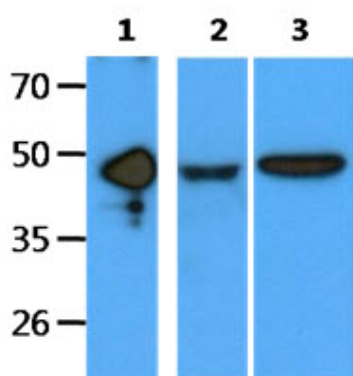
49 kDa

## Images



ARG57039 anti-EDAR antibody [19E8] FACS image

Flow Cytometry: HeLa cell line stained with ARG57039 anti-EDAR antibody [19E8] at 2-5  $\mu$ g for  $1 \times 10^6$  cells (red line). Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was Mouse IgG (black line).



ARG57039 anti-EDAR antibody [19E8] WB image

Western blot: 1) 50 ng of Recombinant protein, 2) 40  $\mu$ g of A549 cell lysate, 3) 40  $\mu$ g of Ramos cell lysate stained with ARG57039 anti-EDAR antibody [19E8] at 1:1000.