



# Anti-EDA2R monoclonal antibody, clone 284204 (DCABY-4225)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	EDA2R, also known as TNFRSF27 or XEDAR (X-linked ectodysplasin receptor), is an X-linked member of the TNF receptor superfamily (TNFRSF). Within the TNFRSF, EDA2R shares the highest homologies with EDAR and TNFRSF19/TROY. EDA-A2 is the EDA2R ligand. EDA2R expression is principally found in embryonic hair follicles. EDA2R, EDAR, EDA-A1, and EDA-A2 have been associated with hypohidrotic ectodermal dysplasia (HED).
<b>Specificity</b>	Detects human EDA2R/TNFRSF27/XEDAR in ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh)41BB, rhBAFFR, rhCD27, rhCD30, rhCD40, rhDR-3, rhDR-6, rhEDAR, rhFAS, rhGITR, rhHVEM, rhLTR-b, rhNGFR, rhOPG, rhOX40R, rhRANK, rhRELT, rhTAJ, rhTNFR1, rhTNFR2, rhTRADD, rhTRAILR1, rhTRAILR2, rhTRAILR3, rhTRAILR4, rhTWEAKR, recombinant mouse (rm)DcTRAILR1, and rmDcTrailR2 is observed.
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human EDA2R/TNFRSF27/XEDAR. Met1-Glu136 Accession Number Q9HAV5
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	284204
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Western Blot, ELISA Capture (Matched Pair)
<b>Format</b>	Liquid

<b>Size</b>	500 µg
<b>Buffer</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">EDA2R ectodysplasin A2 receptor [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	EDA2R
<b>Synonyms</b>	EDA2R; ectodysplasin A2 receptor; XEDAR; EDAA2R; EDA-A2R; TNFRSF27; tumor necrosis factor receptor superfamily member 27; EDA-A2 receptor; X-linked ectodysplasin-A2 receptor; tumor necrosis factor receptor superfamily member XEDAR;
<b>Entrez Gene ID</b>	<a href="#">60401</a>
<b>Protein Refseq</b>	<a href="#">NP_001186616</a>
<b>UniProt ID</b>	<a href="#">B2RBZ9</a>
<b>Chromosome Location</b>	Xq12
<b>Pathway</b>	Cytokine-cytokine receptor interaction;
<b>Function</b>	protein binding; receptor activity; tumor necrosis factor-activated receptor activity;