

# Product Datasheet

## **EDAR Antibody (EDAR12) [Janelia Fluor® 585] NBP2-81103JF585**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-81103JF585**

EDAR Antibody (EDAR12) [Janelia Fluor® 585]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	EDAR12
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG Kappa
<b>Conjugate</b>	Janelia Fluor 585
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	10913
<b>Gene Symbol</b>	EDAR
<b>Species</b>	Human, Mouse, Rat, Canine, Chicken
<b>Specificity/Sensitivity</b>	EDAR12 recognises and binds to CRD1 of the extracellular domain of mouse EDAR. EDAR3 cross-reacts with EDAR derived from human, dog, rat and chicken when EDAR is fused to the glycosylphosphatidylinositol anchor of TRAILR3. EDAR is the receptor for the TNF family ligand EDA1, which is a type II transmembrane protein possessing a collagen-like domain and a C-terminal TNF-homology domain. EDAR is important for the correct development of skin appendages including hair, teeth and eccrine sweat glands. LoF mutations in the Eda gene is known to cause XLHED (X-linked hypohidrotic ectodermal dysplasia), and results in abnormal development.
<b>Immunogen</b>	EDAR12 was prepared by immunizing female OVE1B mice (with the Edar gene deleted) subcutaneously with mouse EDAR-Fc and positive hybridoma clones were screened for binding mEDAR by ELISA.
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Block/Neutralize, Surface Plasmon Resonance
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Surface Plasmon Resonance, Block/Neutralize
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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