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Datasheet for ABIN1706441  
**anti-TMC8 antibody (AA 301-400) (Cy5.5)**

### Overview

Quantity:	100 µL
Target:	TMC8
Binding Specificity:	AA 301-400
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMC8 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EVER2/TMC8
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Cow, Sheep, Horse
Purification:	Purified by Protein A.

### Target Details

Target:	TMC8
Alternative Name:	EVER2/TMC8 ( <a href="#">TMC8 Products</a> )
Background:	Synonyms: epidermodysplasia verruciformis 2, Epidermodysplasia verruciformis protein 2, EV2,

## Target Details

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EVIN2, FLJ40668, FLJ43684, MGC102701, MGC40121, TMC8, Transmembrane channel like protein 8, TMC8\_HUMAN.

Background: Transmembrane channel-like protein 8 (TMC8), also known as Epidermodysplasia verruciformis protein 2 (EVER2), is a 726 amino acid member of the TMC family of proteins.

Localized to the endoplasmic reticulum membrane, TMC8 is thought to form a transmembrane channel-like protein with eight predicted transmembrane domains and three leucine zipper motifs. Mutations in the genes encoding TMC8 and TMC6, another member of the TMC family, have been shown to cause epidermodysplasia verruciformis (EV), an autosomal recessive dermatosis characterized by abnormal susceptibility to human papillomaviruses (HPVs) and a high rate of progression to squamous cell carcinoma on sun-exposed skin. Infection by HPVs lead to persistent wart-like or macular lesions. TMC8 is expressed in placenta, prostate and testis, and three named isoforms exist as a result of alternative splicing events.

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Gene ID: 147138

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months