



# TMC8 Monoclonal Antibody

Catalog No	BYmab-16503
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TMC8
Protein Name	Transmembrane channel-like protein 8
Immunogen	The antiserum was produced against synthesized peptide derived from human TMC8. AA range:601-650
Specificity	TMC8 Monoclonal Antibody detects endogenous levels of TMC8 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TMC8; EVER2; EVIN2; Transmembrane channel-like protein 8; Epidermodysplasia verruciformis protein 2
Observed Band	81kD
Cell Pathway	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
Tissue Specificity	Expressed in placenta, prostate and testis.
Function	disease:Defects in TMC8 are a cause of epidermodysplasia verruciformis (EV) [MIM:226400]. It is a rare autosomal recessive genodermatosis associated with a high risk of skin carcinoma that results from an abnormal susceptibility to infection by specific human papillomaviruses. Infection leads to persistent wart-like or macular lesions.,online information:TMC8 mutation db,similarity:Belongs to the TMC family.,tissue specificity:Expressed in placenta, prostate and testis.,
Background	Epidermodysplasia verruciformis (EV) is 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. EV is caused by mutations in either of two adjacent genes located on chromosome

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17q25.3. Both of these genes encode integral membrane proteins that localize to the endoplasmic reticulum and are predicted to form transmembrane channels. This gene encodes a transmembrane channel-like protein with 8 predicted transmembrane domains and 3 leucine zipper motifs. [provided by RefSeq, Jul 2008],

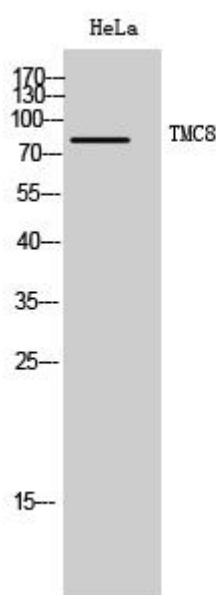
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using TMC8 Monoclonal Antibody