

**BEST2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9246b****Specification**

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**BEST2 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q8NFU1](#)**BEST2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 54831**Other Names**

Bestrophin-2, Vitelliform macular dystrophy 2-like protein 1, BEST2, VMD2L1

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [BP9246b](#) was selected from the C-term region of human BEST2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**BEST2 Antibody (C-term) Blocking Peptide - Protein Information****Name** BEST2**Synonyms** VMD2L1**Function**

Forms calcium-sensitive chloride channels. Permeable to bicarbonate.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Mainly confined to the retinal pigment epithelium and colon.

**BEST2 Antibody (C-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **BEST2 Antibody (C-term) Blocking Peptide - Images**

#### **BEST2 Antibody (C-term) Blocking Peptide - Background**

BEST2 is a member of the bestrophin gene family of anion channels. Bestrophin genes share a similar gene structure with highly conserved exon-intron boundaries, but with distinct 3' ends. Bestrophins are transmembrane proteins that contain a homologous region rich in aromatic residues, including an invariant arg-phe-pro motif.

#### **BEST2 Antibody (C-term) Blocking Peptide - References**

Zhang,Y., et.al, Mol. Vis. 16, 200-206 (2010) Marsey,L.L. et.al, J. Physiol. (Lond.) 587 (PT 10), 2211-2224 (2009)