

**ROBO4 Blocking Peptide**  
**Catalog # PBV10274b****Specification**

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**ROBO4 Blocking Peptide - Product Information**

Primary Accession	<a href="#">Q80W87</a>
Gene ID	<b>300518</b>
Calculated MW	<b>102580</b>

**ROBO4 Blocking Peptide - Additional Information****Application & Usage**

The peptide is used for blocking the antibody activity of ROBO4. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

**Other Names**

Roundabout homolog 4, Robo4

**Target/Specificity**

ROBO4

**Formulation**

50 µg (0.5 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

ROBO4 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

**ROBO4 Blocking Peptide - Protein Information**

**Name** Robo4

**Function**

Receptor for Slit proteins, at least for SLIT2, and seems to be involved in angiogenesis and vascular patterning. May mediate the inhibition of primary endothelial cell migration by Slit proteins (By similarity). Involved in the maintenance of endothelial barrier organization and function (By similarity).

## **ROBO4 Blocking Peptide - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## **ROBO4 Blocking Peptide - Images**