

## Product datasheet

### Dishevelled 2 peptide ab173138

1 Image

#### Description

|               |                       |
|---------------|-----------------------|
| Product name  | Dishevelled 2 peptide |
| Purity        | > 90 % HPLC.          |
| Accession     | <u><b>O14641</b></u>  |
| Animal free   | No                    |
| Nature        | Synthetic             |
| Modifications | phospho S143          |

#### Specifications

Our **Abpromise guarantee** covers the use of **ab173138** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                  |   |
|------------------|---|
| Applications     | Blocking - Blocking peptide for Anti-Dishevelled 2 (phospho S143) antibody [EPNCIR145] ( <u><b>ab124933</b></u> )   |
| Form             | Liquid  |
| Additional notes | <ul style="list-style-type: none"> <li>- First try to dissolve a small amount of peptide in either water or buffer. The more charged residues on a peptide, the more soluble it is in aqueous solutions.</li> <li>- If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer.</li> <li>- Consider that any solvent used must be compatible with your assay. If a peptide does not dissolve and you need to recover it, lyophilise to remove the solvent.</li> <li>- Gentle warming and sonication can effectively aid peptide solubilisation. If the solution is cloudy or has gelled the peptide may be in suspension rather than solubilised.</li> <li>- Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use.</li> </ul> |

#### Preparation and Storage





|                       |                                 |
|-----------------------|---------------------------------|
| Stability and Storage | Shipped at 4°C. Store at -20°C. |
|-----------------------|---------------------------------|

#### General Info

|                              |   |
|------------------------------|---|
| <b>Function</b>              | Participates in Wnt signaling by binding to the cytoplasmic C-terminus of frizzled family members and transducing the Wnt signal to down-stream effectors. Promotes internalization and degradation of frizzled proteins upon Wnt signaling. Plays a role both in canonical and non-canonical Wnt signaling. Plays a role in the signal transduction pathways mediated by multiple Wnt genes. |
| <b>Sequence similarities</b> | Belongs to the DSH family.<br>Contains 1 DEP domain.<br>Contains 1 DIX domain.<br>Contains 1 PDZ (DHR) domain.  |
| <b>Domain</b>                | The DIX domain mediates homooligomerization.  |
| <b>Cellular localization</b> | Cell membrane. Cytoplasm > cytosol. Cytoplasmic vesicle. Localizes at the cell membrane upon interaction with frizzled family members and promotes their internalization. Localizes to cytoplasmic puncta.  |

## Images

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Dishevelled 2 peptide (ab173138)

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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