

Product datasheet

Human BCL9 peptide ab37304

[2 References](#) [1 Image](#)

Description

| | |
|--------------|--------------------|
| Product name | Human BCL9 peptide |
| Purity | > 90 % HPLC. |
| Animal free | No |
| Nature | Synthetic |
| Species | Human |

Specifications

Our **Abpromise guarantee** covers the use of **ab37304** 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-BCL9 antibody (ab37305) Western blot |
| Form | Liquid |
| Additional notes | <ul style="list-style-type: none"> - 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. - If the peptide doesn't dissolve try an organic solvent e.g. DMSO, then dilute using water or buffer. - 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. - 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. - Peptides containing cysteine are easily oxidised, so should be prepared in solution just prior to use. |

Preparation and Storage

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| Stability and Storage | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request. |
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General Info

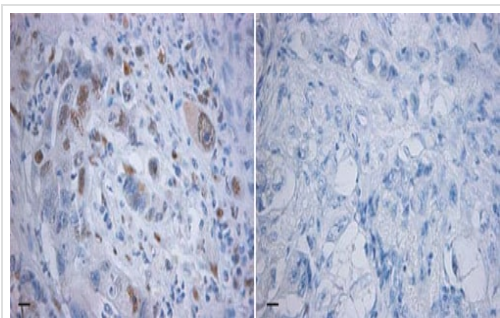
Relevance

BCL9 is involved in signal transduction through the Wnt pathway. It promotes beta-catenin's transcriptional activity. BCL9 is associated with B-cell acute lymphoblastic leukemia. The overexpression of BCL9 may be of pathogenic significance in B-cell malignancies (referenced from swissprot and entrez gene).

Cellular localization

Nuclear

Images



BCL9 staining in Human colorectal cancer tissue, blocked with ab37304.

Left panel: **ab37305 - BCL9 antibody** alone. Right panel: **BCL9 antibody** + ab37304 - BCL9 peptide.

Blocking - Human BCL9 peptide (ab37304)

Image from Takada K et al., Sci Transl Med. 2012 Aug 22;4(148):148ra117. doi: 10.1126/scitranslmed.3003808.; Fig S1.; Sci Transl Med 22 August 2012; Vol. 4, Issue 148, p. 148ra117.

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