

Product datasheet

Human BCL9 peptide ab37304

2 References 1 Image

Overview

Product name Human BCL9 peptide

Description

Nature Synthetic

Amino Acid Sequence

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

- 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

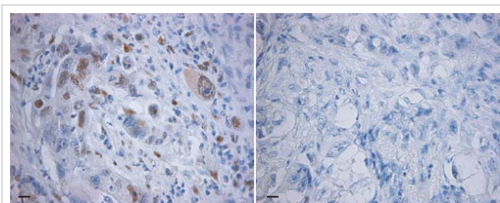
Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Information available upon request.

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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