

Product datasheet

VE Cadherin peptide ab27462

概述

产品名称 VE Cadherin多肽

描述

性质 Recombinant

氨基酸序列

种属 Human

技术指标

Our [Abpromise guarantee](#) covers the use of **ab27462** in the following tested applications.

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

应用 Blocking - Blocking peptide for Anti-VE Cadherin antibody - Intercellular Junction Marker ([ab33168](#))

纯度 > 90 % n/a.

形式 Lyophilised

补充说明

- 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.

制备和贮存

稳定性和存储 Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Information available upon request.

常规信息

功能	Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. This cadherin may play an important role in endothelial cell biology through control of the cohesion and organization of the intercellular junctions. It associates with alpha-catenin forming a link to the cytoskeleton.
组织特异性	Endothelial tissues and brain.
序列相似性	Contains 5 cadherin domains.
翻译后修饰	Phosphorylated on tyrosine residues by KDR/VEGFR-2. Dephosphorylated by PTPRB.
细胞定位	Cell junction. Cell membrane. Found at cell-cell boundaries and probably at cell-matrix boundaries.

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