abcam

Product datasheet

HA tag peptide ab13835

4 References 1 Image

Description

Product name	HA tag peptide
Purity	> 90 % HPLC.
Accession	**P03437**
Animal free	No
Nature	Synthetic

Specifications

Our **Abpromise guarantee** covers the use of **ab13835** 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-HA tag antibody (**ab13834**)
Form	Lyophilized
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

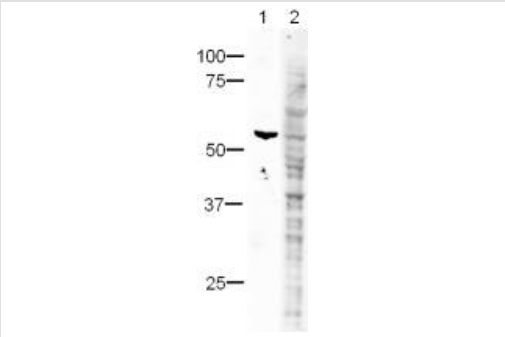
Stability and Storage	Shipped at 4°C. Store at -20°C. Information available upon request.

General Info

Relevance

Human influenza hemagglutinin (HA) is a surface glycoprotein required for the infectivity of the human virus. The HA tag is derived from the HA molecule corresponding to amino acids 98-106 has been extensively used as a general epitope tag in expression vectors. Many recombinant proteins have been engineered to express the HA tag, which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. This tag facilitates the detection, isolation, and purification of the proteins.

Images



Western blot - HA tag peptide (ab13835)

Western blot using **ab13834** on 293 cells transfected with a 55 kDa HA-tagged minigene (**ab20896**). Lane 1: **ab13834** Lane 2: **ab13834** with blocking peptide ab13835. Primary: Rabbit polyclonal to HA tag (1/500) Secondary: Alexa Fluor 680 Goat anti Rabbit IgG (1/5000). Lysates at 10µg/lane.

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