

HA Peptide

Properties

Product Name	HA Peptide
Code	APK053
Peptide	YPYDVDPDYA
Assay	≥95% (HPLC/MS)
Form	Lyophilized powder
Storage Temp	2-8°C
Preparation Note	Dissolve in TBS as a stock solution(Storage at -20°C) at a concentration of 5 mg/ml.

Note: TBS(50 mMTris-HCl, pH 7.4, with 150 mM NaCl)

Description

The HA Peptide is a synthetic peptide of 9 amino acid residue(YPYDVPDYA).

Benefits

After competitive elution of the HA tag fusion expression protein from this product, the eluted sample does not contain the light and heavy chains of the traditional Anti-HA tag antibody, effectively solving the interference issue of light and heavy chains during Western detection after immunoprecipitation. In conventional immunoprecipitation, the HA tag fusion expression protein is usually released into the solution by boiling with the addition of loading buffer, but at this time, the light and heavy chains of the Anti-HA tag antibody also enter the solution and are likely to interfere with subsequent Western detection. The most important thing about peptide elution is to maintain the activity of the elution product.

Application

Recommended work Recommended working concentration is 100–400 µg/ml for elute HA tag fusion proteins from the HA affinity gel (HA tag Nanoselector Agarose, HA tag Nanoselector Magnetic beads or other Anti-HA tag affinity gel).

Dilution factors are presented in the form of a range because the optimal dilution is a function of many factors, such as antigen density, permeability, etc. The actual dilution used must be determined empirically.

This product is for research use only and is not approved for use in humans or in clinical