Synaptic Systems

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HA-tag

Cat.No. 245-0P; control peptide, 100 µg peptide (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µg peptide, lyophilized. For reconstitution add 100 µl H_2O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use. Control peptides should also be stored at -20°C when still lyophilized!
Immunogen	Synthetic peptide corresponding to AA 98 to 108 from human HA-tag
Recommended dilution	Optimal concentrations should be determined by the end-user.
matching antibodies	245 003, 245 003BT, 245 003C3, 245 003CpH
Remarks	This control peptide consists of the synthetic peptide (aa 98-108 of human influenza hemaglutinin) that has been used for immunization. It has been tested in preadsorption experiments and blocks efficiently and specifically the corresponding signal in Western blots. The amount of peptide needed for efficient blocking depends on the titer and on the affinity of the antibody to the antigen.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

The surface glycoprotein hemaglutinin (HA) of the human influenza virus is essential for the infectivity of the virus. The **HA-tag** corresponds to amino acids 98-106 of this protein and has been widely used as an epitope tag in protein expression vectors. It can be employed for the detection and immunoisolation of proteins using immunoblotting, immunoprecipitation and immunostaining methods and has been shown to have only neglectable influence on the biological properties of the tagged protein.

Selected General References

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Epitope tagging permits cell surface detection of functional CFTR.
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