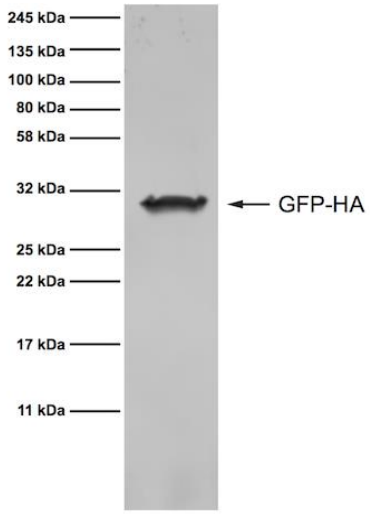
HA antibody [7C9]

Relevance	Epitope tags are short peptide sequences of known epitopes, fused to recombinant proteins. Anti-tag antibodies serve as universal detection reagents for any tag containing protein produced by recombinant means. They are useful for specific visualization, immunoprecipitation or purification of recombinant proteins and protein complexes.
Specificity	The antibody recognizes an epitope located within the amino terminal sequence YPYDVPDYA (residues 98-106) derived from the influenza hemagglutinin (HA) protein. The antibody recognizes the HA tag sequence at either the N- or the C-terminus of the fusion protein.
Description	Rat monoclonal [7C9] to HA
Product Type	Primary antibody
Isotype	IgG2a (lambda light chain)
Form	Purified antibody
Size	20 µl, 100 µl
Concentration	1 g/L
Storage Buffer	PBS, preservative: 0.09% sodium azide Safety datasheet (SDS) for this product: **sodium azide**
Storage instructions	Shipped at ambient temperature. Upon receipt store at +4°C. Stable for one year. Do not freeze!
Application	Western blot: recommended starting concentration 1:1,000 Immunoprecipitation: 5 µg / IP ELISA: not tested IF: recommended starting concentration 1:1,000, fixation with PFA, blocking with 4% skimmed milk in PBS The concentration of the antibody can vary. The optimal dilution should be determined by the end user. A titration from 1:200 up to 1:2,000 is recommended.

Tested applications

Western Blot

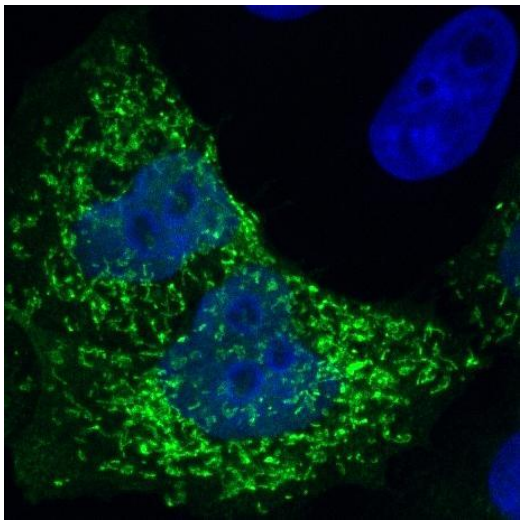
Primary antibody: 7C9 1:1,000
Secondary antibody: anti-rat-Alexa647 1:2,000



HEK293T cell extract expressing GFP-HA (29.9 kDa)

Immunofluorescence

Primary Antibody 1:1,000, PFA fixation,
blocking with 4% skimmed milk in PBS



HeLa cells transiently expressing HA-TOMM70

Only for research applications, not for diagnostic or therapeutic use.