HA tag monoclonal antibody - Classic

Cat. No. C15200190

Type: Monoclonal	Specificity: Specific for HA-tagged fusion proteins expressed in bacteria, insect, mammalian cells
Size: 50 µg	Isotype: NA
Concentration: 1.0 µg/µl	Source: Mouse
Lot No.: 003	Purity: Protein A purified
Storage buffer: NA	Storage conditions: Store at -20°C; for long storage, store at -80°C. Avoid multiple freeze-thaw cycles.
Precautions: This product is for research use only. Not for use in diagnostic or therapeutic procedures.	

Description

Monoclonal antibody raised in mouse against the HA tag (amino acid sequence YPYDVPDYA) using a KLH-conjugated synthetic peptide. The HA antibody recognizes the influenza Hemagglutinin epitope which is extensively used as a protein tag in expression vectors. This antibody is extremely specific and allows unambiguous identification and quantitative analysis of HA tagged proteins.

Applications

Applications	Suggested dilution [*]	References
Western Blotting	1:1,000 - 1:3,000	Fig 1
IP/ChIP	1:150 - 1:200	
IS	1:500 - 1:1,000	

[*] Please note that optimal antibody amount should be determined by the end-user for each specific assay condition.

Target Description

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Validation Data
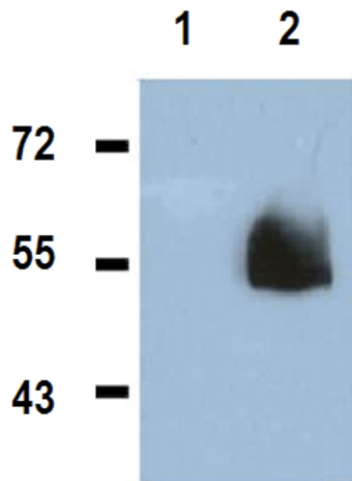
Figure 1. Western blot analysis using the Diagenode monoclonal antibody against the HA protein tag

Western blot was performed on whole cell extracts from HEK293 cells transfected with an HA-tagged expression vector using the Diagenode monoclonal antibody directed against HA (Cat. No. MAb-190-050). The antibody was used at a dilution of 1:1,000. Figure 1 shows the results for untransfected cells, used as a negative control (lane 1) and for cells transfected with a HA-tagged protein (lane 2). The MW marker (in kDa) is shown on the left. A single band is clearly visible in lane 2, but absent in lane 1 showing the high specificity of the HA antibody.