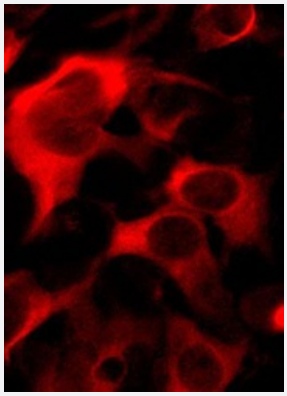
CRISPR-SaCas9 Monoclonal Antibody, clone 6F7

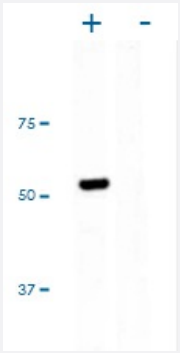
Catalog # MAB23321 Size 100 uL

Applications



Immunofluorescence

Immunofluorescence of HEK293 cells transfected with S. aureas Cas9 and labeled with CRISPR-SaCas9 Monoclonal Antibody, clone 6F7 (1:500, red).



Western Blot (Transfected lysate)

Western blot of GFP-Cas9 transfected HEK293 cell lysate (+) showing specific immunolabeling of the ~53 kDa GFP-Cas9 fusion protein. Labeling is absent in the untransfected lysate (-).

Specification

Product Description	Mouse monoclonal antibody raised against *Streptococcus aureus* Cas9.
Immunogen	Recombinant protein corresponding to C-terminus of *Staphylococcus aureus* Cas9.
Host	Mouse
Reactivity	Streptococcus
Specificity	This antibody reacts to *Staphylococcus aureus* Cas9. No reactivity toward the *Streptococcus pyogenes* Cas9.

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Form	Liquid
Purification	Protein G affinity purification
Isotype	IgG1
Recommend Usage	Immunofluorescence (1:500-1:5000) Immunohistochemistry (1:1000-1:5000) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 5 mM NaN_3)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

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  Western blot of GFP-Cas9 transfected HEK293 cell lysate (+) showing specific immunolabeling of the ~53 kDa GFP-Cas9 fusion protein. Labeling is absent in the untransfected lysate (-).

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