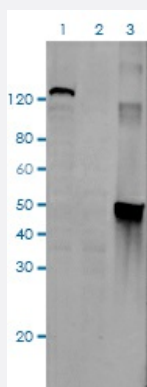


SaCas9 Monoclonal Antibody, clone 11C12

Catalog # MAB23324

Size 40 ug

Applications



Western Blot (Transfected lysate)

Western blot of HeLa transfected with PX458 (SpCas9(BB)-2A-GFP) or untransfected cell lysates with SaCas9 Monoclonal Antibody, clone 11C12.

Lane 1: 50 ug cell lysate of HeLa transfected with SpCas9(BB)-2A-GFP

Lane 2: 50 ug untransfected HeLa cell lysate

Lane 3: 40 ug SpCas9 recombinant protein

Primary Antibody:

SaCas9 Monoclonal Antibody, clone 11C12 1 ug/mL

Secondary Antibody:

Goat anti-Mouse IgG (H&L) [IRDye800] 0.125 ug/mL

Specification

Product Description	Mouse monoclonal antibody raised against <i>Streptococcus aureus</i> Cas9.
Immunogen	Recombinant protein corresponding to <i>Staphylococcus aureus</i> Cas9.
Host	Mouse
Reactivity	Streptococcus
Specificity	This antibody reacts to <i>Staphylococcus aureus</i> Cas9.
Form	Lyophilized
Purification	Protein A affinity purification
Isotype	IgG2b Kappa

Recommend Usage	ELISA (0.005-1 ug/mL) Immunofluorescence (0.2-1 ug/mL) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4(0.02% sodium azide). Reconstitute the lyophilized antibody with deionized water (or equivalent) to a final concentration of 0.5 mg/mL.
Storage Instruction	Store at -20°C. Upon reconstitution, it can be stored for up to 12 months at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot of Hela transfected with PX458 (SpCas9(BB)-2A-GFP) or untransfected cell lysates with SaCas9 Monoclonal Antibody, clone 11C12.

Lane 1: 50 ug cell lysate of Hela transfected with SpCas9(BB)-2A-GFP

Lane 2: 50 ug untransfected Hela cell lysate

Lane 3: 40 ug SpCas9 recombinant protein

Primary Antibody:

SaCas9 Monoclonal Antibody, clone 11C12 1 ug/mL

Secondary Antibody:

Goat anti-Mouse IgG (H&L) [IRDye800] 0.125 ug/mL

- Enzyme-linked Immunoabsorbent Assay

ELISA binding of SaCas9 Monoclonal Antibody, clone 11C12 with recombinant *Streptococcus aureus* CRISPR/Cas9 protein.

Coating antigen: SpCas9, 1 ug/mL. SaCas9 Monoclonal Antibody, clone 11C12 dilution start from 1000 ng/mL, EC₅₀= 3.75 ng/mL.