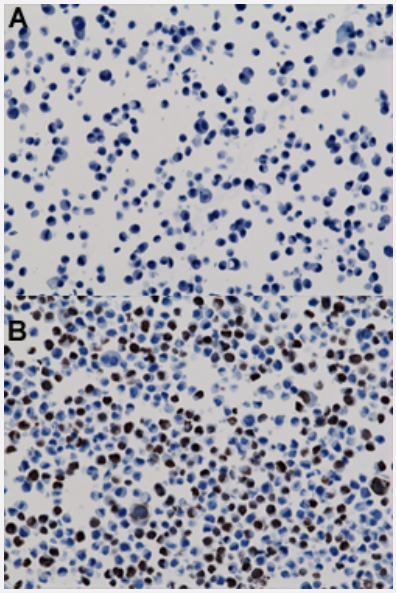
RecomAb™

His-Tag monoclonal antibody, clone RM146 (Biotin)

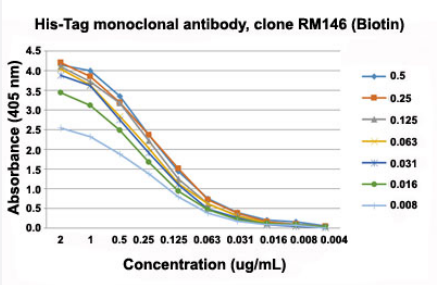
Catalog # MAB14964 Size 50 ug

Applications



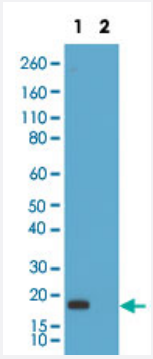
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of naive HepG2 cells (Negative control) (A) and 293T cells expressing His-Tag nuclear protein X (B) with His-Tag monoclonal antibody, clone RM146 (Biotin) (Cat # MAB14964).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of His-Tag monoclonal antibody, clone RM146 (Biotin) (Cat # MAB14964) at the following concentrations: 0.5 ug/mL, 0.25 ug/mL, 0.125 ug/mL, 0.063 ug/mL, 0.031 ug/mL, 0.016 ug/mL, 0.008 ug/mL. The plate performed on purified HisTag-PCSK9 recombinant protein. An alkaline phosphatase conjugated streptavidin as the secondary antibody.



Western Blot (Cell lysate)

Western Blot analysis of 293T cell lysate Lane 1: transfected and Lane 2: untransfected with a DNA construct encoding His-Tag Histone H3 (G34W) protein using His-Tag monoclonal antibody, clone RM146 (Biotin) (Cat # MAB14964) at 0.2 ug/mL working concentration, followed by a HRP conjugated Streptavidin.

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Specification

Product Description	Rabbit recombinant monoclonal antibody raised against His-Tag.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a mixture of synthetic peptides corresponding to N-terminus regio n of 6X His-Tag and C-terminus region of 6X His-Tag.
Sequence	N/A
Form	Liquid
Conjugation	Biotin
Purification	Affinity purification
Isotype	IgG
Recommend Usage	ELISA (0.01-0.5 ug/mL) Flow Cytometry (0.5-2 ug/mL) Immunocytochemistry (0.5-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.1-1 ug/mL) Immunoprecipitation Western Blotting (0.1-0.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (50% glycerol, 1% BSA, 0.09% sodium azide)
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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of naive HepG2 cells (Negative control) (A) and 293T cells expressing His-Tag nuclear protein X (B) with His-Tag monoclonal antibody, clone RM146 (Biotin) (Cat # MAB14964).

- Immunocytochemistry

- Flow Cytometry

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- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of His-Tag monoclonal antibody, clone RM146 (Biotin) (Cat # MAB14964) at the following concentrations: 0.5 ug/mL, 0.25 ug/mL, 0.125 ug/mL, 0.063 ug/mL, 0.031 ug/mL, 0.016 ug/mL, 0.008 ug/mL. The plate performed on purified HisTag-PCSK9 recombinant protein. An alkaline phosphatase conjugated streptavidin as the secondary antibody.

- Immunoprecipitation

- Western Blot (Cell lysate)

Western Blot analysis of 293T cell lysate Lane 1: transfected and Lane 2: untransfected with a DNA construct encoding His-Tag Histone H3 (G34W) protein using His-Tag monoclonal antibody, clone RM146 (Biotin) (Cat # MAB14964) at 0.2 ug/mL working concentration, followed by a HRP conjugated Streptavidin.

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