Anti-N6-methyladenosine/m6A antibody [S4835RM] (STJ11104835)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	DB/IF/ICC/ELISA/meRIP
Host / Source	Rabbit
Reactivity	Species Independent

PRODUCT PROPERTIES

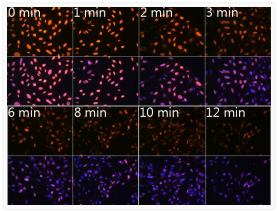
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	DB:1:500-1:2000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. meRIP:1:50-1:200
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Refer to figures
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

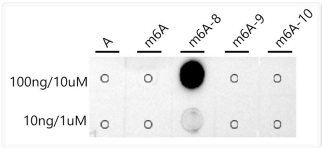
Specificity	Chemical compounds corresponding to N6-methyladenosine/m6A.

ADDITIONAL INFORMATION

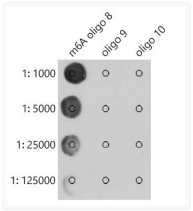
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



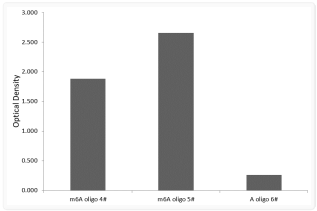
U2OS cells pre-treated with BrdU were subjected UVC irradiation incubated at 37 °C for the indicated time, immunofluorescence analysis was performed by N6-methyladenosine/ m6A Rabbit monoclonal antibody (STJ11104835) , DAPI, 4′, 6-diamidino-2-phenylindole. Global UVC irradiation exceed cytoplasmic leavel, peaking at 2 min after irradiation and diminishing over the following 8 min.



Dot-blot analysis of all sorts of peptides using N6-methyladenosine/ m6A antibody (STJ11104835) at dilution.



The N6-methyladenosine/ m6A Rabbit monoclonal antibody (STJ11104835) are tested in Dot Blot against N6-methyladenosine (m6A) and unmodified adenosine. Oligomer 8- ATAACTGG-m6A-CCGAATGGOligomer 9- ATAACTGGACCGAATGGOligomer 10- AAAAAAAAAAAAAAA-biotin.



The N6-methyladenosine/ m6A Rabbit monoclonal antibody (4μg, A19841) are tested in Nucleotide Array against N6-methyladenosine (m6A) and unmodified adenosine (100pmol for each oligomer). Oligomer 4- N6-methyladenosine (m6A-UAACUGGACCGAAUGG-Biotin) Oligomer 5- N6-methyladenosine (AUAACUGG-m6A-CCGAAUGG-Biotin) Oligomer 6- unmodified adenosine (AUAACUGGACCGAAUGG-Biotin)