

Product Datasheet

N6-methyladenosine (m6A) Antibody (1G1) NBP3-32554

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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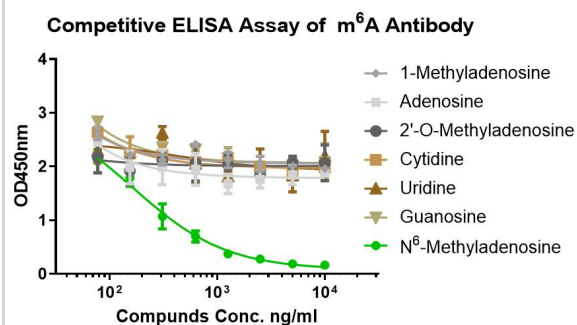
NBP3-32554**N6-methyladenosine (m6A) Antibody (1G1)**

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G1
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.05% BSA and 40% Glycerol
Product Description	
Host	Rabbit
Species	Non-species specific
Immunogen	N6-methyladenosine (m6A) Small Molecule conjugated to OVA.
Product Application Details	
Applications	Dot Blot, ELISA
Recommended Dilutions	ELISA 1:1000-1:2000, Dot Blot 1:500-1:2000



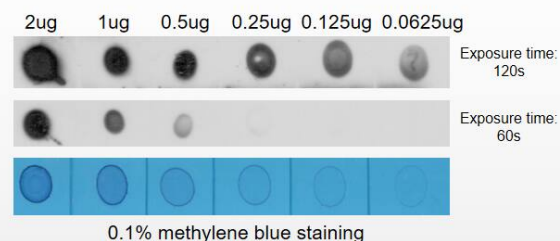
Images

ELISA: N6-methyladenosine (m6A) Antibody (1G1) [NBP3-32554] -
Competitive ELISA analysis of N6-methyladenosine (m6A) was performed by coating wells of a 96-well plate with 50 μ l per well of m6A - BSA diluted in carbonate/bicarbonate buffer, at a concentration of 1 μ g/mL overnight at 4°C. Wells of the plate were washed, blocked with 1% BSA blocking buffer, and incubated with 100 μ l per well of m6A monoclonal antibody at concentration of 1 μ g/mL with serial diluted m6A and its analogs starting from a concentration of 10,000 ng/ml to 78 ng/ml for 1 hours at room temperature. The plate was washed and incubated with 50 μ l per well of an HRP-conjugated goat anti-Rabbit IgG secondary antibody at a dilution of 1:15,000 for one hour at room temperature. Detection was performed using an Ultra TMB Substrate for 10 minutes at room temperature in the dark. The reaction was stopped with sulfuric acid and absorbances were read on a spectrophotometer at 450 nm.



Dot Blot: N6-methyladenosine (m6A) Antibody (1G1) [NBP3-32554] - Dot blot analysis of N6-methyladenosine (m6A) using NBP3-32554.

Loading: total RNA extracted from HeLa
Blocking Buffer: 5% NFDM/TBST;
Incubation time and temperature: 1 hours at room temperature;
Primary Antibody: NBP3-32554
Dilution: 2 μ g/ml, 1 μ g/ml, 0.5 μ g/ml, 0.25 μ g/ml, 0.125 μ g/ml, 0.0625 μ g/ml
Dilution Buffer: Primary Antibody Dilution Buffer;
Incubation Time and Temperature: Overnight at 4°C ;
Secondary Antibody: Goat anti-Rabbit IgG-HRP antibody;
Dilution: 1:300,000
Dilution Buffer: 5% NFDM/TBST;
Incubation Time and Temperature: 30 minutes at room temperature;
Exposure time: 60/120 seconds.





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