

Product Datasheet

5-Hydroxymethyluridine Antibody

NB100-62287

Unit Size: 0.05 ml

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

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NB100-62287

5-Hydroxymethyluridine Antibody

Product Information

Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera

Product Description

Host	Goat
Species	Human
Reactivity Notes	Not yet tested in other species.
Specificity/Sensitivity	NB100-62287 recognizes 5-hydroxymethyluridine, which is created by the oxidation of thymine by ionising radiation or reactive oxygen species. This oxidation causes changes in gene expression, mutations and chromosomal instability all of which play a role in cancer, autoimmune disease and aging. 5-hydroxymethyluridine is a potential biomarker for female breast, colon and rectal cancers, being present at elevated levels, possibly due to impaired DNA repair mechanisms.
Immunogen	5-hydroxymethyluridine

Product Application Details

Applications	ELISA
Recommended Dilutions	ELISA 1:100-1:2000



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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