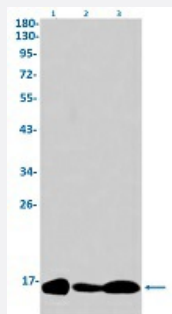


RecomAb™

# H3-3A recombinant monoclonal antibody, clone R04-5J3

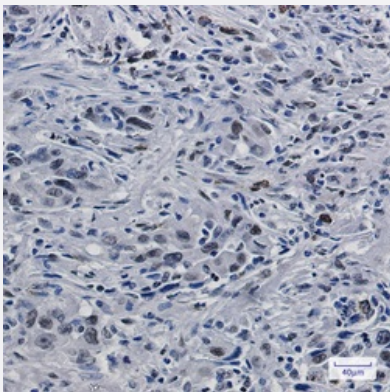
Catalog # RAB02220      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of Lane 1: K562, Lane 2: C6 and Lane 3: 3T3 lysates with H3-3A recombinant monoclonal antibody, clone R04-5J3 (Cat # RAB02220).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human lung cancer with H3-3A recombinant monoclonal antibody, clone R04-5J3 (Cat # RAB02220). High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human H3-3A.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against a synthetic peptide corresponding to human H3-3A.
<b>Theoretical MW (kDa)</b>	Calculated MW: 15 kD
<b>Reactivity</b>	Human, Mouse, Rat

Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
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 should be handled by trained staff only.

## Applications

- Western Blot

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## Gene Info — H3F3A

Entrez GeneID	<a href="#">3020</a>
Protein Accession#	<a href="#">P84243</a>
Gene Name	H3F3A
Gene Alias	H3.3A, H3F3, MGC87782, MGC87783
Gene Description	H3 histone, family 3A
Omim ID	<a href="#">601128</a>
Gene Ontology	<a href="#">Hyperlink</a>

**Gene Summary**

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-independent member of the histone H3 family. [provided by RefSeq]

**Other Designations**

OTTHUMP00000035618|OTTHUMP00000035619|OTTHUMP00000035621

**Pathway**

- [Systemic lupus erythematosus](#)

**Disease**

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)