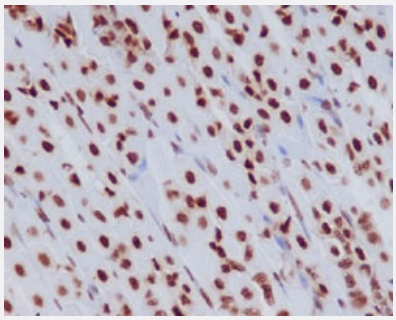
H3F3A monoclonal antibody, clone EBF-8

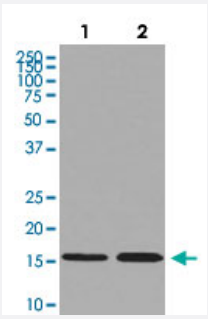
Catalog # MAB20162 Size 100 uL

Applications



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

Immunohistochemical staining of mouse stomach.



Western Blot

Western Blot analysis of (1) HeLa, (2) NIH/3T3 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human H3F3A.
Immunogen	A synthetic peptide corresponding to human H3F3A.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Recommend Usage	Immunocytochemistry (1:500-1000) Immunofluorescence (1:500-1000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:500-1000) Western Blot (1:500-1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. 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 of mouse stomach.

- Immunofluorescence

- Immunocytochemistry

- Western Blot

  Western Blot analysis of (1) HeLa, (2) NIH/3T3 cell lysate.

Gene Info — H3F3A

Entrez GeneID	3020
Protein Accession#	P84243
Gene Name	H3F3A
Gene Alias	H3.3A, H3F3, MGC87782, MGC87783
Gene Description	H3 histone, family 3A
Omim ID	601128
Gene Ontology	Hyperlink

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Summary	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chro mosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, an d 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 f unctions in the compaction of chromatin into higher order structures. This gene contains introns an d its mRNA is polyadenylated, unlike most histone genes. The protein encoded is a replication-in dependent 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.