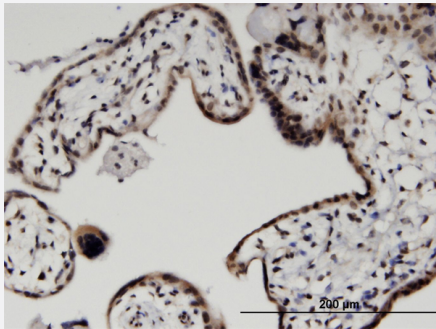


HIST2H2BE monoclonal antibody (M06), clone 4G6

Catalog # H00008349-M06

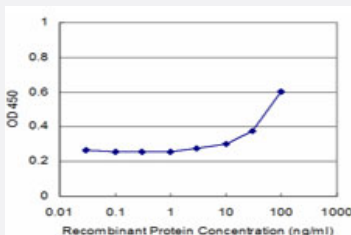
Size 100 ug

Applications



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

Immunoperoxidase of monoclonal antibody to HIST2H2BE on formalin-fixed paraffin-embedded human placenta. [antibody concentration 5 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HIST2H2BE is approximately 3ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant HIST2H2BE.
Immunogen	HIST2H2BE (NP_003519.1, 36 a.a. ~ 126 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ESYSIYVKVLKQVHPDTGISSKAMGIMNSFVNDIFERIAGEASRLAHYNKRSTITSREIQTAVRLLLP GELAKHAVSEGTKAVTKYTSSK
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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

Immunoperoxidase of monoclonal antibody to HIST2H2BE on formalin-fixed paraffin-embedded human placenta. [antibody concentration 5 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HIST2H2BE is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — HIST2H2BE

Entrez GeneID	8349
GeneBank Accession#	NM_003528
Protein Accession#	NP_003519.1
Gene Name	HIST2H2BE
Gene Alias	GL105, H2B, H2B.1, H2B/q, H2BFQ, MGC119802, MGC119804, MGC129733, MGC129734
Gene Description	histone cluster 2, H2be
Omim ID	601831
Gene Ontology	Hyperlink

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 encodes a member of the histone H2B family, and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq]

Other Designations

H2B histone family, member Q|OTTHUMP00000013920|histone 2, H2be

Pathway

- [Systemic lupus erythematosus](#)