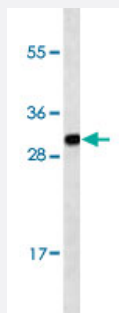


HMGB1 monoclonal antibody, clone 393CT23.1.4

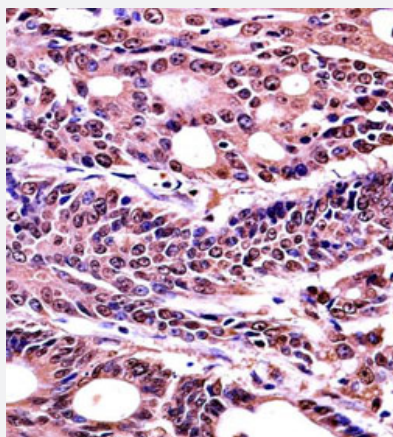
Catalog # MAB12317 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of mouse brain tissue lysates reacted with HMGB1 monoclonal antibody (Cat # MAB12317) at 1:500-1:1600 dilution.



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

Immunohistochemical staining of formalin-fixed and paraffin-embedded human colon carcinoma reacted with HMGB1 monoclonal antibody (Cat # MAB12317) at 1:10-1:50 dilution.

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of human HMGB1.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 152-180 at C-terminus region of human HMGB1.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid

Isotype	IgM
Recommend Usage	Immunohistochemistry (1:10-1:50) Western Blot (1:500-1:1600) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

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Gene Info — HMGB1

Entrez GeneID	3146
Gene Name	HMGB1
Gene Alias	DKFZp686A04236, HMG1, HMG3, SBP-1
Gene Description	high-mobility group box 1
Omim ID	163905
Gene Ontology	Hyperlink
Other Designations	Amphoterin OTTHUMP00000018199 OTTHUMP00000190860 Sulfoglucuronyl carbohydrate binding protein high mobility group box 1 high mobility group protein 1 high-mobility group (nonhistone chromosomal) protein 1

Pathway

- [Base excision repair](#)

Disease

- [Bone Marrow Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Hematologic Neoplasms](#)
- [Puerperal Disorders](#)
- [Recurrence](#)
- [Sepsis](#)
- [Streptococcal Infections](#)
- [Systemic Inflammatory Response Syndrome](#)