

Anti-HMGB1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011959

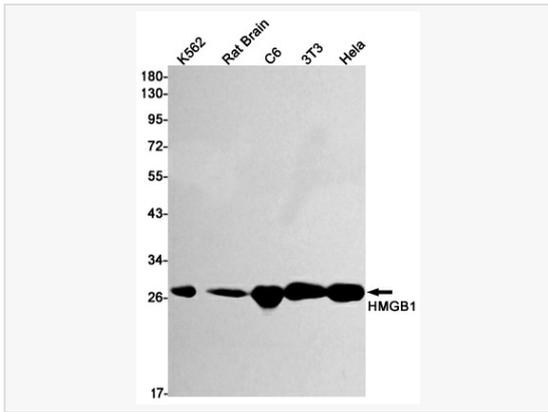
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Rabbit
Clonality	Monoclonal
Clone No.	28L06M74
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human HMGB1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-HMGB1 antibody [28L06M74] is for research use only and not for use in diagnostic or therapeutic procedures.

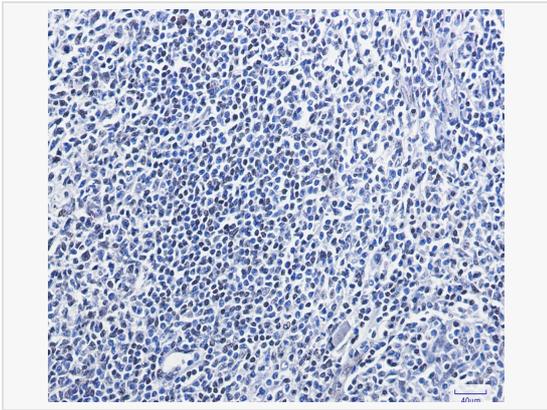
Protein Information

Synonyms	HMGB1, HMG1, High mobility group protein B1, High mobility group protein 1, HMG-1.
Calculated MW	Calculated MW: 25 kDa; Observed MW: 25 kDa
Uniprot ID	P09429
Gene ID	3146
Background	High mobility group (HMG) proteins 1 and 2 are ubiquitous non-histone components of chromatin. Evidence suggests that the binding of HMG proteins to DNA induces alterations in the DNA architecture including DNA bending and unwinding of the helix. HMG proteins synergize with Oct-2, members of the NFκB family, ATF-2 and c-Jun to activate transcription.

Validation Images



Western blot analysis of HMGB1 in K562, rat Brain, C6, 3T3, HeLa lysates using HMGB1 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using HMGB1 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.