

Product Datasheet

HMGB1 Antibody

Catalog No: CY5060

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: P09429

All Names: HMGB1; HMG3; HMG1; SBP 1 ; Amphoterin;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 25 kDa

Application

WB: 1:1000~1:2000

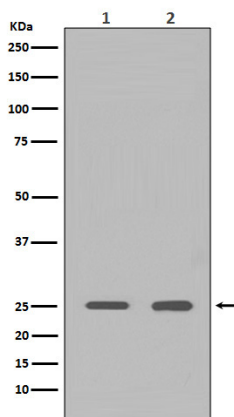
IHC: 1:50~1:100

ICC/IF: 1:50~1:100

FC: 30

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 NFkB family, ATF-2 and c-Jun to activate transcription.



Western blot analysis of HMGB1 expression in (1)HeLa cell lysate; (2)Rat brain lysate.

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