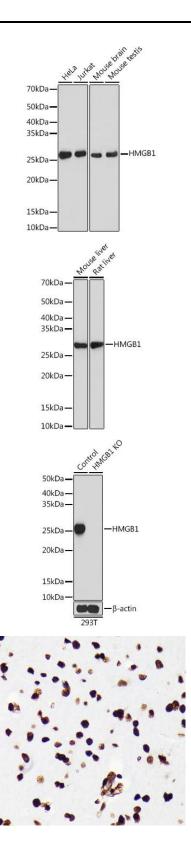
## [KO Validated] HMGB1 Rabbit Monoclonal Antibody

CAB19529



Product Information	Protein Background
Size:	This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The
20uL, 50uL, 100uL, 200uL	encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including
Observed MW:	inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the
25kDa	same protein. [provided by RefSeq, Sep 2015]
Calculated MW:	Immunogen information
25kDa	Gene ID:
Applications:	3146
WB IHC IF	Uniprot
Reactivity:	P09429
Human, Mouse, Rat	Synonyms:
	HMG-1; HMG1; HMG3; SBP-1; HMGB1
Antibody Information	
Recommended dilutions:	Immunogen:
WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200	A synthesized peptide derived from human HMGB1.
Source:	
Rabbit	<b>Storage:</b> Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02%
	sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
lsotype:	
lgG	

**Purification:** Affinity purification



Western blot analysis of extracts of various cell lines, using HMGB1 antibody (CAB19529) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.

Western blot analysis of extracts of various cell lines, using HMGB1 antibody (CAB19529) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Western blot analysis of extracts from normal (control) and HMGB1 knockout (KO) 293T cells, using HMGB1 antibody (CAB19529) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 5s.

Immunohistochemistry of paraffin-embedded Rat brain using HMGB1 antibody (CAB19529) at dilution of 1:100 (40x lens).