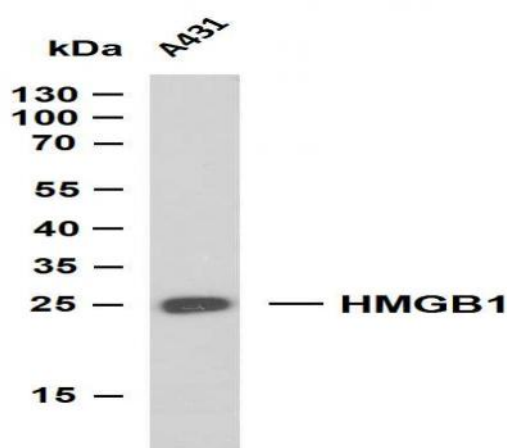


## HMGB1 (PTR2339) mouse mAb

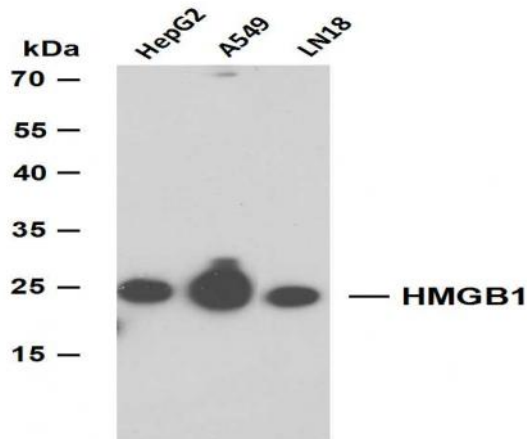
Catalog No :	YM4697
Reactivity :	Human;Mouse;Rat;
Applications :	WB;IF;ELISA
Target :	HMGB1
Fields :	>>Base excision repair;>>Autophagy - animal;>>Necroptosis;>>Neutrophil extracellular trap formation
Gene Name :	HMGB1 HMG1
Protein Name :	High mobility group protein B1 (High mobility group protein 1) (HMG-1)
Human Gene Id :	3146
Human Swiss Prot No :	P09429
Mouse Gene Id :	100862258
Mouse Swiss Prot No :	P63158
Rat Gene Id :	25459
Rat Swiss Prot No :	P63159
Immunogen :	Synthesized peptide derived from human HMGB1 AA range: 100-200
Specificity :	This antibody detects endogenous levels of HMGB1 protein.
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Mouse, Monoclonal/IgG1, kappa
Dilution :	WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000

<b>Purification :</b>	Protein G
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	25kD
<b>Observed Band :</b>	24kD
<b>Background :</b>	high mobility group box 1(HMGB1) Homo sapiens This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The 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 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 same protein. [provided by RefSeq, Sep 2015],
<b>Function :</b>	function:Binds preferentially single-stranded DNA and unwinds double stranded DNA.,similarity:Belongs to the HMGB family.,similarity:Contains 2 HMG box DNA-binding domains.,
<b>Expression :</b>	Ubiquitous. Expressed in platelets (PubMed:11154118).

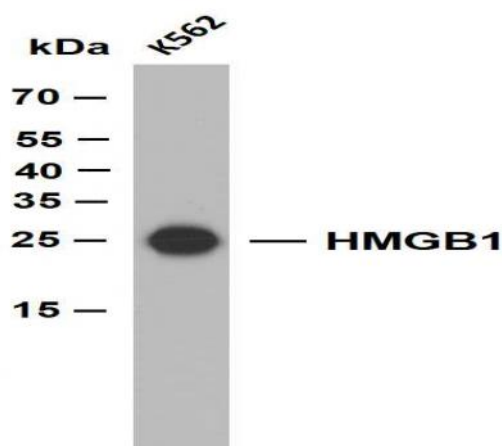
## Products Images



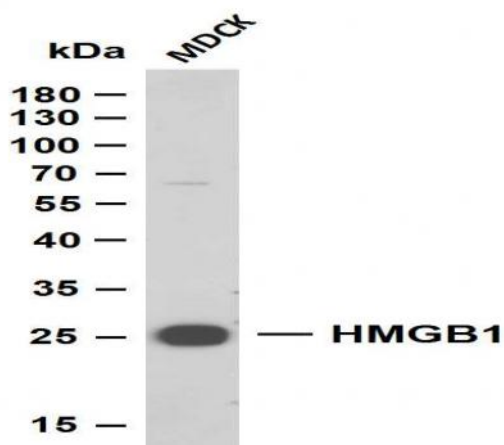
A431 whole cell lysates were separated by 12% SDS-PAGE, and the membrane was blotted with anti-HMGB1 (PTR2339) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: A431



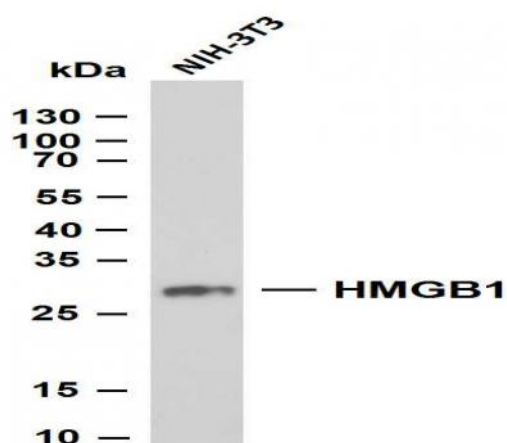
Various whole cell lysates were separated by 12% SDS-PAGE, and the membrane was blotted with anti-HMGB1 (PTR2339) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: HepG2 Lane 2: A549 Lane 3: LN18



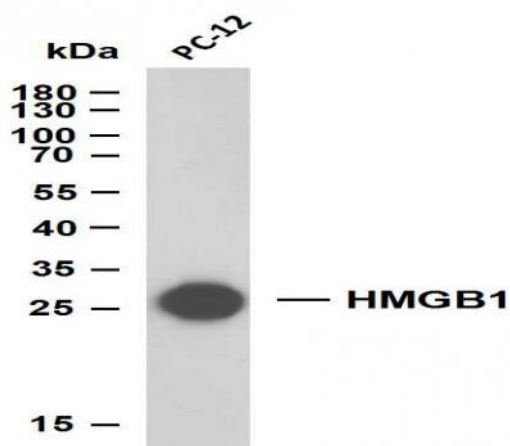
K562 whole cell lysates were separated by 15% SDS-PAGE, and the membrane was blotted with anti-HMGB1 (PTR2557) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: K562



MDCK whole cell lysates were separated by 12% SDS-PAGE, and the membrane was blotted with anti-HMGB1 (PTR2339) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: MDCK



NIH-3T3 whole cell lysates were separated by 12% SDS-PAGE, and the membrane was blotted with anti-HMGB1(PTR2339)antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: NIH-3T3



PC-12 whole cell lysates were separated by 12% SDS-PAGE, and the membrane was blotted with anti-HMGB1(PTR2339)antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: PC-12