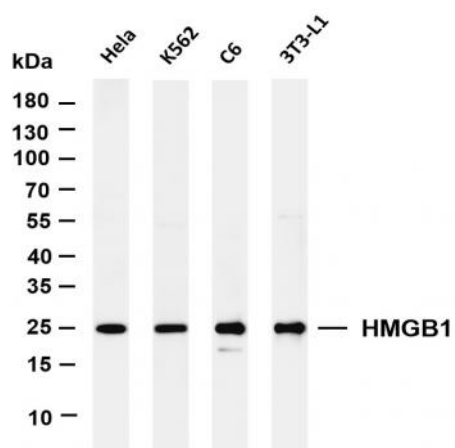


HMGB1 (PT0499R) PT® Rabbit mAb

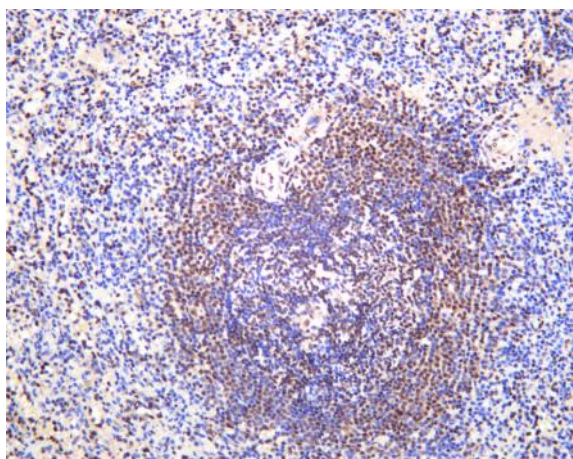
Catalog No :	YM8327
Reactivity :	Human; Mouse; Rat;
Applications :	WB;IHC;IF;IP;ELISA
Target :	HMGB1
Fields :	>>Base excision repair;>>Autophagy - animal;>>Necroptosis;>>Neutrophil extracellular trap formation
Gene Name :	HMGB1 HMG1
Protein Name :	High mobility group protein B1 (High mobility group protein 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
Specificity :	endogenous
Formulation :	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source :	Monoclonal, rabbit, IgG, Kappa
Dilution :	IHC 1:2000-1:10000;WB 1:5000-1:10000;IF 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
Purification :	Protein A

Storage Stability :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Molecularweight :	<u>25kD</u>
Observed Band :	<u>25kD</u>
Background :	<u>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],</u>
Function :	<u>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.,</u>
Subcellular Location :	<u>Nucleus</u>
Expression :	<u>Ubiquitous. Expressed in platelets (PubMed:11154118).</u>
Tag :	<u>hot,recombinant</u>
Sort :	<u>1</u>
No4 :	<u>1</u>
Host :	<u>Rabbit</u>
Modifications :	<u>Unmodified</u>

Products Images



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-HMGB1 (PT0499R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: K562 Lane 3: C6 Lane 4: 3T3-L1 Predicted band size: 25kDa Observed band size: 25kDa



Human spleen was stained with anti-HMGB1 (PT0499R) rabbit antibody