

# 58687

# **HMGB1 Antibody**



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## For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: W, IF-IC	Reactivity: H M R Mk	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 29	Source/Isotype: Rabbit	UniProt ID: #P09429	Entrez-Gene Id 3146
Product Usage Information		<b>Application</b> Western Blotting Immunofluorescence	e (Immunocytochem	nistry)		<b>Dilution</b> 1:1000 1:50
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		HMGB1 Antibody detects endogenous levels of total HMGB1 protein. The antibody does not cross-react with other HMG proteins, including HMGB2 and HMGB3.				
Species predict based on 100% homology		Hamster, Bovine, Pig,	Horse			
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to the human HMGB1 protein. Antibodies are purified by peptide affinity chromatography.				
Background						
Background References		<ol> <li>Thomas, J.O. and Travers, A.A. (2001) Trends Biochem Sci 26, 167-74.</li> <li>Müller, S. et al. (2004) J Intern Med 255, 332-43.</li> <li>Ronfani, L. et al. (2001) Development 128, 1265-73.</li> <li>Vaccari, T. et al. (1998) Genomics 49, 247-52.</li> <li>Campana, L. et al. (2008) Curr Opin Immunol 20, 518-23.</li> <li>Klune, J.R. et al. (2008) Mol Med 14, 476-84.</li> </ol>				

# **Species Reactivity**

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at  $4^{\circ}$ C with gentle shaking, overnight.

**Applications Key** 

**W:** Western Blotting **IF-IC:** Immunofluorescence (Immunocytochemistry)

**Cross-Reactivity Key** 

H: Human M: Mouse R: Rat Mk: Monkey

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