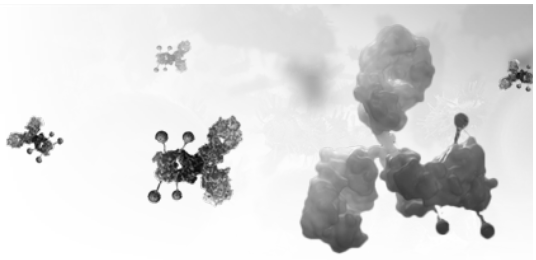

Rabbit Anti-HMGB1 monoclonal antibody, clone TB40-14 (CABT-L566)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	HMGB1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TB40-14
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC, FC
Molecular Weight	25 kDa
Cellular Localization	Cytoplasm, Nucleus, Cell membrane, Secreted, Chromosome
Positive Control	NIH/3T3, MCF-7, PC12, F9, human tonsil tissue, mouse kidney tissue,mouse brain tissue, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	Like the histones, HMGB1, also known as high-mobility group protein 1 (HMG-1) is among the most important chromatin proteins. In the nucleus HMGB1 interacts with nucleosomes, transcription factors, and histones. This nuclear protein organizes the DNA and regulates transcription. After binding, HMGB1 bends DNA, which facilitates the binding of other proteins. HMGB1 is secreted by immune cells (like macrophages, monocytes and dendritic cells) through leaderless secretory pathway. Activated macrophages and monocytes secrete HMGB1 as a cytokine mediator of Inflammation. In recent research, HMGB1 has been reported as a novel biomarker for human ovarian cancer
Keywords	Amphoterin;Chromosomal protein, nonhistone, HMG1;DKFZp686A04236;High mobility group 1;High mobility group box 1;High mobility group protein 1;High mobility group protein B1;high-mobility group (nonhistone chromosomal) protein 1;HMG-1;HMG1;HMG3;HMGB 1;HMGB1;HMGB1_HUMAN;NONHISTONE CHROMOSOMAL PROTEIN HMG1;SBP 1;Sulfoglucuronyl carbohydrate binding protein antibody

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221