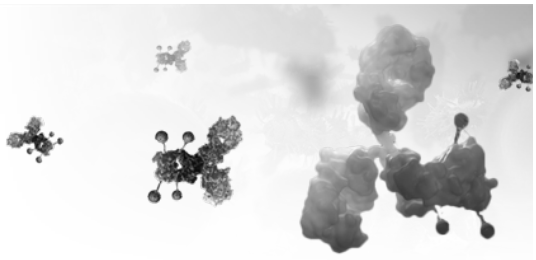

Mouse Anti-Human HMGB1 monoclonal antibody, clone 20O21C8 (CABT-L4594)

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

PRODUCT INFORMATION

Immunogen	full length recombinant human HMGB1
Isotype	IgG2b, κ
Source/Host	Mouse
Species Reactivity	Human, Mouse
Clone	20O21C8
Purification	Protein G purified
Conjugate	Unconjugated
Applications	FC, IHC-P, WB
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS containing 0.05% BSA and 0.05% sodium azide
Preservative	0.05% sodium azide
Storage	At -20°C
Ship	Wet ice

BACKGROUND

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Introduction	High Mobility Group Protein B1 (HMGB1) belongs to the HMGB family and contains two HMG box DNA-binding domains. It is a highly conserved, ubiquitous protein present in the nuclei and cytoplasm of nearly all cell types, and is a necessary and sufficient mediator of inflammation during sterile and infection-associated responses. HMGB1 also act as DNA nuclear binding protein that has recently been shown to be an early trigger of sterile inflammation in animal models of trauma-hemorrhage via the activation of the Toll-like receptor 4 (TLR4) and the receptor for the advanced glycation endproducts (RAGE). It is reported that the level of HMGB1 is elevated during sterile tissue injury, infection, lethal endotoxemia or sepsis, collagen-induced arthritis, and ischemia-reperfusion induced tissue injury.
Keywords	High Mobility Group Protein B1;HMG1

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