

Mouse anti-myeloHRP, clone 2C7 (Monoclonal)

Clone no. 2C7

MONOSAN

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Product name	Mouse anti-myeloHRP, clone 2C7 (Monoclonal)
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Host	Mouse
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Applications	WB,IHC-P,FC,IHC-fr,ELISA
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Species reactivity	human,dog
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Conjugate	Purified
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Immunogen	Human myeloperoxidase
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Isotype	IgG1
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Clonality	Monoclonal
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Clone number	2C7
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Size	0.2 mg
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Concentration	1.0 mg/ml
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Format	-
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Storage buffer	PBS with 0.09% sodium azide
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Storage until expiry date	2-8°C
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FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Mouse anti Human myeloperoxidase antibody, clone 2C7 recognizes human myeloperoxidase (MPO). MPO is an important component of azurophilic granules in neutrophils, being involved in microbicidal processes. The protein is a multimer of 2 heavy chains (55 kDa) and two light chains (15 kDa), the heavy chains being linked by a disulphide bond. Mouse anti Human Myeloperoxidase antibody, clone 2C7 recognizes native MPO in Western blots, and the heavy chain following boiling of the sample. Mouse anti Human Myeloperoxidase antibody, clone 2C7 also recognizes recombinant MPO in western blots and weakly in ELISA. Mouse anti Human myeloperoxidase antibody, clone 2C7 may be of value in the study of myeloid cells and myeloid leukaemias by flow cytometry following cell permeabilization. Mouse anti Human myeloperoxidase antibody, clone 2C7 did not recognize rat MPO by ELISA (Patry et al. 2003).

**References**

1. -
2. -
3. -
4. -
5. -

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