

HMOX1 Polyclonal Antibody

Catalog Number: E-AB-70045 2 Publications



Note: Centrifuge before opening to ensure complete recovery of vial contents.

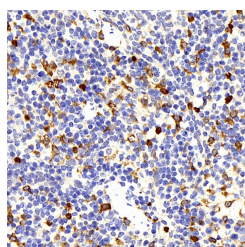
Description

Reactivity	Mouse
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse HMOX1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

IHC	1:200-1:800
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Data



Immunohistochemistry analysis of paraffin-embedded mouse spleen using HMOX1 Polyclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Heme oxygenase, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Heme oxygenase activity is induced by its substrate heme and by various nonheme substances. Heme oxygenase occurs as 2 isozymes, an inducible heme oxygenase-1 and a constitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family.

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