

Datasheet for ABIN1804297
anti-HMOX1 antibody (AA 1-30)



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2 Images

Overview

Quantity:	50 µg
Target:	HMOX1
Binding Specificity:	AA 1-30
Reactivity:	Human, Cow
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HMOX1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), ELISA, Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Human heme-oxygenase (HO-1) synthetic peptide, aa 1-30. Type of Immunogen: Synthetic peptide
Isotype:	IgG1 kappa
Specificity:	Recognizes human heme-oxygenase (HO-1.) Does not cross-react with HO-2. Species cross-reactivity: bovine.
Purification:	Protein G purified

Target Details

Target:	HMOX1
Alternative Name:	HMOX1 / HO-1 (HMOX1 Products)
Background:	Name/Gene ID: HMOX1 Synonyms: HMOX1, BK286B10, HO-1, HSP32, Heat shock protein, 32-kD, Heme oxygenase (decycling) 1, Heme oxygenase 1, HO1
Gene ID:	3162
UniProt:	P09601
Pathways:	Transition Metal Ion Homeostasis , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , SARS-CoV-2 Protein Interactome

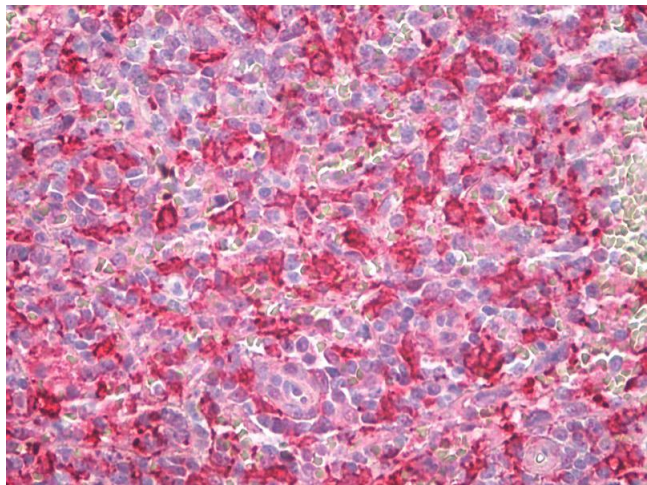
Application Details

Application Notes:	Approved: ELISA, ICC, IHC, IHC-P (5 µg/mL), IP, WB (1:500 - 1:1000) Usage: Suitable for use in ELISA, Western Blot, Immunoprecipitation, Immunohistochemistry and Immunocytochemistry. Western Blot:1:500-1:1000.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

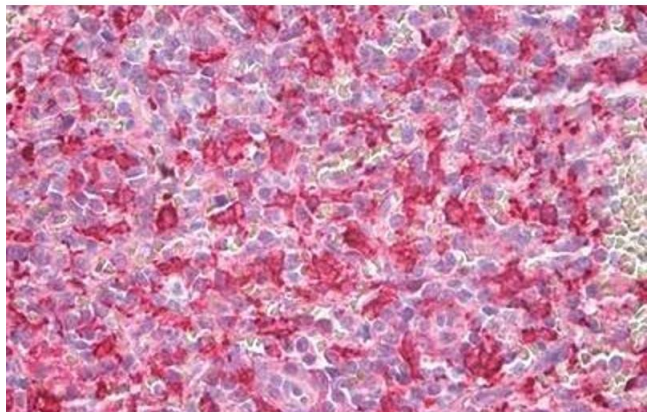
Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % azide, 50 % glycerol
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	4 °C,-20 °C
Storage Comment:	May be stored at 4°C for short-term only. Aliquot to avoid freeze-thaw cycles. Store at -20°C.

Aliquots are stable for at least 1 year.



Immunohistochemistry

Image 1. Anti-HMOX1 / HO-1 antibody IHC staining of human spleen, macrophages. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunohistochemistry

Image 2. Human Spleen, Macrophages: Formalin-Fixed, Paraffin-Embedded (FFPE)