

Anti-HMOX1 antibody (1-265) [S4601RM] (STJ11104601)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

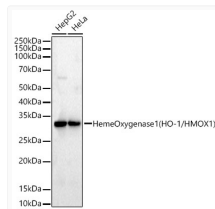
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:2000-1:20000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 33kDa Observed Mw: 33kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	3162
Gene Symbol	HMOX1
UniProt ID	HMOX1_HUMAN
Immunogen Region	1-265
Immunogen Sequence	MERPQDPSMPQDLSEALKEA TKEVHTQAENAEFMRNFQKG QVTRDGFKLVMASLYHIYVA LEEEIERNKESPVFAPVYFP EELHRKAALQDLAFWYGPR WQEVIPYTPAMQRYVKRLHE VGRTEPELLVAHAYTRYLGD LSGGQVLKKAQKALDLPSS GEGLAFFTFPNIASATKFKQ LYRSRMNSLEMTPAVRQRVI EEAKTAFLLNIQLFEELQEL LTHDTKDQSPSRAPGLRQR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-265 of human Heme Oxygenase 1 (HO-1/HMOX1) (NP_002124.1).

ADDITIONAL INFORMATION

Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates, using HemeOxygenase1 (HO-1/HMOX1) antibody (STJ11104601) at 1:20000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.