

AB-NN052-4

HO1 Antibody

Pan-specific monoclonal antibody (1F12-A6) for monitoring the expression of human HO-1



KINEXUS

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Target Protein

Name Long:	Heme oxygenase 1
Alias:	HSP32, HMOX1, Heme oxygenase 1, HO, HO1
UniProt ID:	P09601 - Human
Human Predicted Mass (KDa):	32.819 (288 AA; P09601-1)
Observed SDS-PAGE Mass (KDa):	32

Immunogen

Antibody Immunogen Source:	Human HO-1 synthetic peptide, amino acids 1-30
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	109 IgG1Kappa
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF IP ELISA
Antibody Dilution Recommended:	WB (1:1000), IHC (1:100), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Bovine Dog Guinea pig Hamster Monkey Pig Rabbit
Antibody Positive Control:	1 µg/ml was sufficient for detection of HO-1 in 10 µg of mixed human cell line lysate by colorimetric immunoblot analysis using Goat Anti-Mouse IgG:HRP as the secondary.
Target Detection Immunoblotting:	Detects a ~32 kDa protein.
Antibody Specificity:	Medium-Low
Antibody Cross Reactivities:	Does not cross-react with HO-2.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987