

HMOX2 antibody

Product Information

Catalog No.:	FNab03938
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

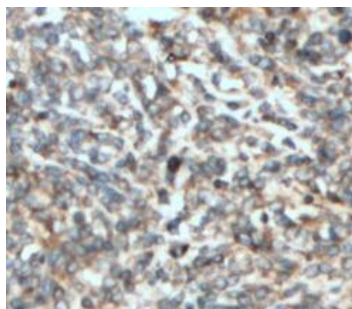
Heme oxygenase cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed. Heme oxygenase 2 could be implicated in the production of carbon monoxide in brain where it could act as a neurotransmitter.

Immunogen information

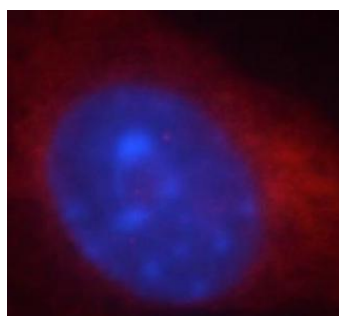
Immunogen:	heme oxygenase(decycling) 2
Synonyms:	Heme oxygenase 2 (HO-2) Heme oxygenase 2 soluble form HMOX2 HO2
Observed MW:	36 kDa
Uniprot ID :	P30519

Application

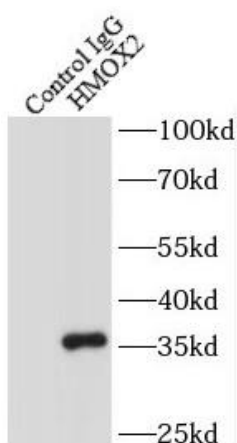
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, IF, WB, IP
Recommended dilution:	WB: 1:500-1:1000; IP: 1:500-1:1000 IHC: 1:50-1:500; IF: 1:50-1:500
Image:	



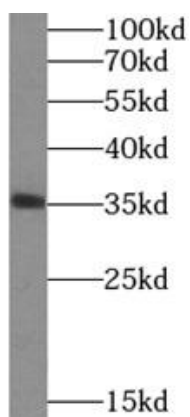
Immunohistochemistry of paraffin-embedded human lymphoma tissue slide using FNab03938(HMOX2 Antibody) at dilution of 1:200 .



Immunofluorescent analysis of Hela cells, using HMOX2 antibody FNab03938 at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye)



IP Result of anti-HMOX2 (IP:FNab03938, 4ug; Detection:FNab03938 1:500) with Raji cells lysate 2000ug.



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab03938(HMOX2 Antibody) at dilution of 1:600