

## P4HB antibody

### Product Information

Catalog No.:	FNab09833
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	3D9
IsoType:	IgG2b
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

PDIA1(Protein disulfide-isomerase) is also named as ERBA2L, PDI, P4HB, PO4DB. It is a multifunctional protein that catalyzes the formation, breakage and rearrangement of disulfide bonds. In some cell types, it seems to be secreted or associated with the plasma membrane, where it undergoes constant shedding and replacement from intracellular sources.It can exist as homodimer and monomers and homotetramers may also occur(PMID:12095988).

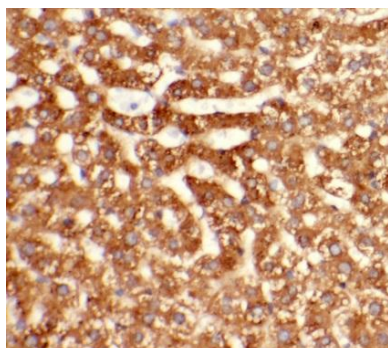
### Immunogen information

Immunogen:	prolyl 4-hydroxylase, beta polypeptide
Synonyms:	Protein disulfide-isomerase (PDI) Cellular thyroid hormone-binding protein Prolyl 4-hydroxylase subunit beta p55 P4HB ERBA2L PDI PDIA1 PO4DB
Observed MW:	58 kDa
Uniprot ID :	P07237

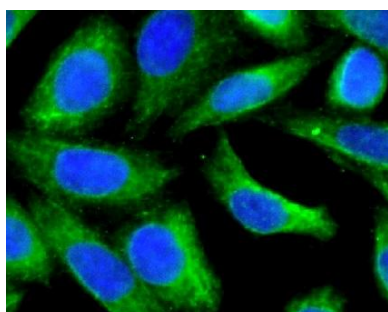
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:10000-1:100000; IHC: 1:100-1:400; IF: 1:50-1:500

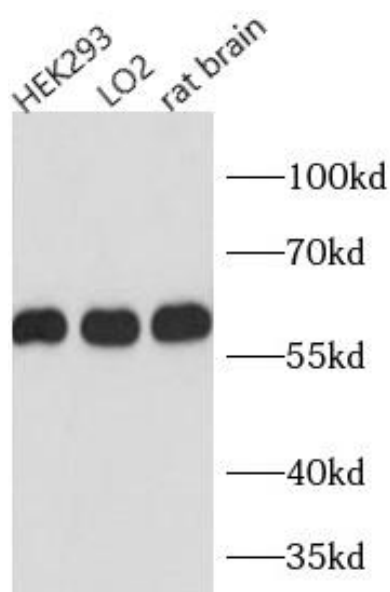
Image:



Immunohistochemistry of paraffin-embedded human liver tissue slide using FNab09833 (PDI Antibody) at dilution of 1:200



Immunofluorescent analysis of ( -20°C Ethanol ) fixed HeLa cells using FNab09833 (PDI antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated Goat Anti-Mouse IgG(H+L)



Various lysates were subjected to SDS PAGE followed by western blot with FNab09833 (PDI antibody) at dilution of 1:50000