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Datasheet for ABIN530187
anti-PHD1 antibody (AA 1-407)

2 Images

Overview

Quantity:	100 µg
Target:	PHD1 (EGLN2)
Binding Specificity:	AA 1-407
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PHD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant EGLN2.
Immunogen:	EGLN2 (AAH36051, 1 a.a. ~ 407 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MDSPCQPQPL SQALPQLPGS SSEPLEPEPG RARMGVESYL PCPLLPSYHC PGPVSEASAG SGTPRATATS TTASPLRDGF GGQDGGELRP LQSEGAAALV TKGCQRLAAQ GARPEAPKRK WAEDGGDAPS PSKRPWARQE NQEAEREGGM SCSCSSSGSGE ASAGLMEEAL PSAPERLALD YIVPCMRYYG ICVKDSFLGA ALGGRVLAEV EALKRGGRLR DGQLVSQRAI PPRSIRGDQI AWVEGHEPGC RSIGALMAHV DAVIRHCAGR LGSYVINGRT KAMVACYPGN GLGYVRHVDN PHGDGRGITC IYLYLNQNDV KVHGGLLQIF PEGRPVVANI EPLFDRLLIF WSDRRNPHEV KPAYATRYAI TVWYFDAKER AAAKDKYQLA SGQKGVQVPV SQPPTPT
Clone:	2G3

Product Details

Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

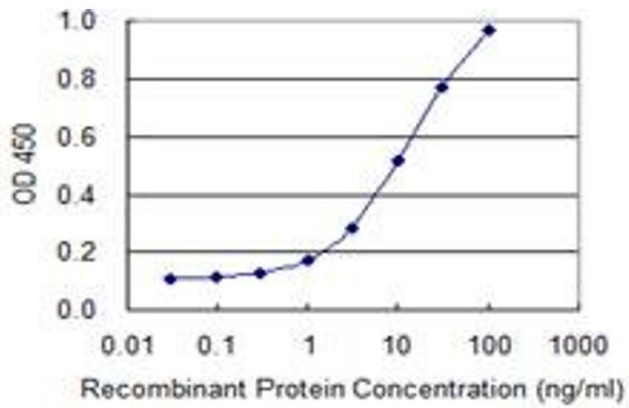
Target:	PHD1 (EGLN2)
Alternative Name:	EGLN2 (EGLN2 Products)
Background:	Full Gene Name: egl nine homolog 2 (C. elegans) Synonyms: DKFZp434E026,EIT6,HIFPH1,HPH-3,PHD1
Gene ID:	112398
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Cell RedoxHomeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

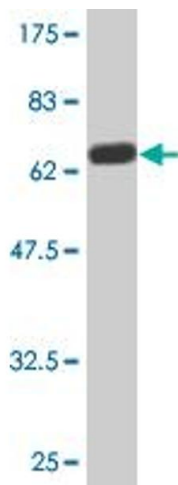
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



ELISA

Image 1. Detection limit for recombinant GST tagged EGLN2 is 0.3 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (70.51 kDa) .