



Mouse anti-Human EGLN3 monoclonal antibody, clone 4D6 (CABT-B10172)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	EGLN3 (AAH10992, 94 a.a. ~ 193 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4D6
Conjugate	Unconjugated
Applications	sELISA, ELISA
Sequence Similarities	EMPLGHIMRLDLEKIALEYIVPCLHEVGFCYLDNFLGEVVGDCVLERVKQLHCTGALRDG QLAGPRAGVSKRHLRGDQITWIGGNEEGCEAISFLLSLID
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Egl nine homolog 3 is a protein that in humans is encoded by the EGLN3 gene. Mouse monoclonal antibody raised against a partial recombinant EGLN3.
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Keywords	EGLN3; egl-9 family hypoxia-inducible factor 3; PHD3; HIFPH3; HIFP4H3; egl nine homolog 3; HPH-1; HPH-3; HIF-PH3; HIF prolyl hydroxylase 3; HIF-prolyl hydroxylase 3; egl nine-like protein 3 isoform; hypoxia-inducible factor prolyl hydroxylase 3; prolyl hydroxylase domain-containing protein 3;
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GENE INFORMATION

Entrez Gene ID	112399
UniProt ID	Q9H6Z9
Pathway	HIF-1-alpha transcription factor network, organism-specific biosystem; HIF-2-alpha transcription factor network, organism-specific biosystem; Pathways in cancer, organism-specific biosystem; Renal cell carcinoma, organism-specific biosystem; Renal cell carcinoma, conserved biosystem
Function	L-ascorbic acid binding; iron ion binding; metal ion binding; oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, 2-oxoglutarate as one donor, and incorporation of one atom each of oxygen into both donors; oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen; protein binding