

## Anti-PHD2 / prolyl hydroxylase Monoclonal Antibody

Catalog Number: M00415

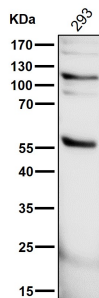
### Overview

Product Name	Anti-PHD2 / prolyl hydroxylase Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-PHD2 / prolyl hydroxylase Monoclonal Antibody catalog # M00415. Tested in WB, IP applications. This antibody reacts with Human.
Application	IP, WB
Clonality	Monoclonal ACEF-5
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9GZT9

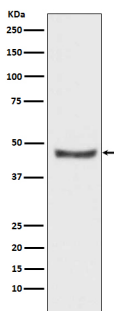
### Technical Details

Immunogen	A synthesized peptide derived from human PHD2 / prolyl hydroxylase Catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. Hydroxylates HIF-1 alpha at 'Pro-402' and 'Pro-564', and HIF-2 alpha. Functions as a cellular oxygen sensor and, under normoxic conditions, targets HIF through the hydroxylation for proteasomal degradation via the von Hippel-Lindau ubiquitination complex.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IP 1:20

## Anti-PHD2 / prolyl hydroxylase Monoclonal Antibody (M00415) Images



All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



Western blot analysis of PHD2 / prolyl hydroxylase expression in SH-SY5Y cell lysate.

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