

**Recombinant****DGRmAb®****HIF1 beta (DGR33628) Rabbit mAb (PBS Only)****db12161-PBS****Package : 100µg****Product Name :** HIF1 beta (DGR33628) Rabbit mAb (PBS Only)**Cat.No.:** db12161-PBS**Synonyms :** HIF1B; TANGO; bHLHe2; HIF1BETA; HIF-1beta; HIF1-beta; HIF-1-beta**Application :** WB, IHC-P, FC**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a protein containing a basic helix-loop-helix domain and two characteristic PAS domains along with a PAC domain. The encoded protein binds to ligand-bound aryl hydrocarbon receptor and aids in the movement of this complex to the nucleus, where it promotes the expression of genes involved in xenobiotic metabolism. This protein is also a co-factor for transcriptional regulation by hypoxia-inducible factor 1. Chromosomal translocation of this locus with the ETV6 (ets variant 6) gene on chromosome 12 have been described in leukemias. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2013]

**Immunogen**

Recombinant protein of human HIF1 beta

**Gene ID**

405

**Swiss Prot**

P27540

**Synonyms**

HIF1B; TANGO; bHLHe2; HIF1BETA; HIF-1beta; HIF1-beta; HIF-1-beta

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, FC

**Calculated MW**

87 kDa

**Observed MW**

87 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR33628

**Isotype**

IgG

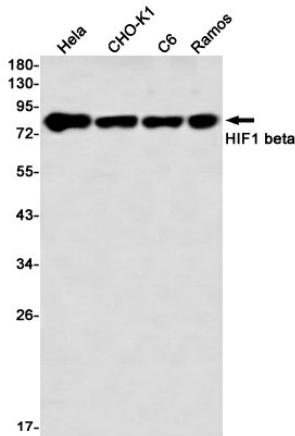
**Purity**

Affinity Purification

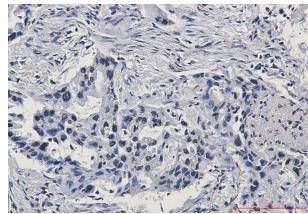
**Conjugation**

Un-conjugated

<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of HIF1 beta in HeLa,CHO-K1,C6,Ramos using HIF1 beta antibody(1:1000 diluted)



Immunohistochemical analysis of paraffin-embedded human lung cancer using db12161 antibody.