

Recombinant

DGRmAb®

**HIF1 beta (DGR33628) Rabbit mAb**

db12161

Package : 10µL 20µL 50µL 100µL

**Product Name** : HIF1 beta (DGR33628) Rabbit mAb**Cat.No.:** db12161**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

**Recommended dilution**

WB: 1:1000

IHC-P: 1:200-1:500

FC: 1:200-1:500

**Calculated MW**

87 kDa

**Observed MW**

87 kDa

**Host species**

Rabbit

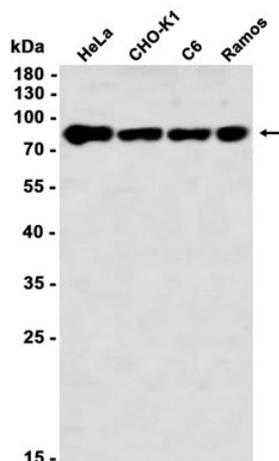
**Clonality**

Monoclonal

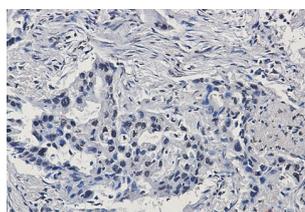
**Clonality No.**

DGR33628

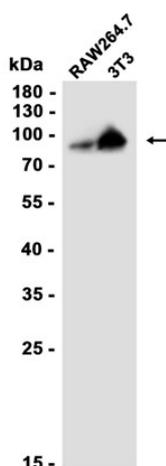
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, CHO-K1, C6, Ramos cells using db12161 at 1:1000.



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



Western blot analysis of extracts from RAW264.7, 3T3 cells using db12161 at 1:1000.