







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





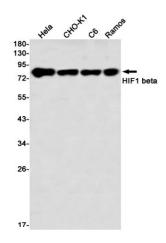
Isotype IgG

Purity Affinity Purification

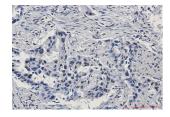
Conjugation Un-conjugated

Storage Stability 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 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.