Recombinant DGRmAb®

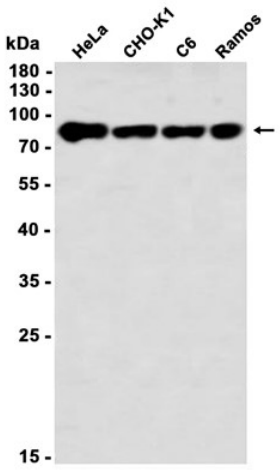
HIF1 beta (DGR33628) Rabbit mAb (PBS Only)

db12161-PBS **Package : 10μg 100μg**

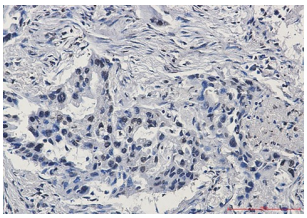
Product Name : HIF1 beta (DGR33628) Rabbit mAb (PBS Only)
Cat.No.: db12161-PBS
Synonyms : HIF1B; TANGO; bHLHe2; HIF1BETA; HIF-1beta; HIF1-beta; HIF-1-beta
Application : WB, IHC-P, FC
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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

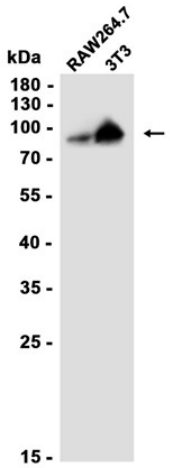
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot 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.