

HIF-1 β ARNT Mouse Monoclonal Antibody(4C5)

Catalog No: RA10070

Basic Information

Host species	Mouse
Applications	IHC,ELISA
Species Cross-Reactivity	H
Specificity	Antibody can detects endogenous Human HIF-1 β /ARNT protein.
Recommended dilutions	WB: 1:1,000-2,000 IHC: 1:100-200 Optimal dilutions should be determined by the end user.

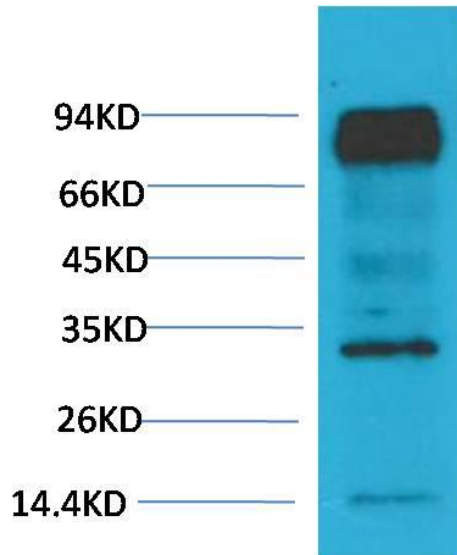
Applications

Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

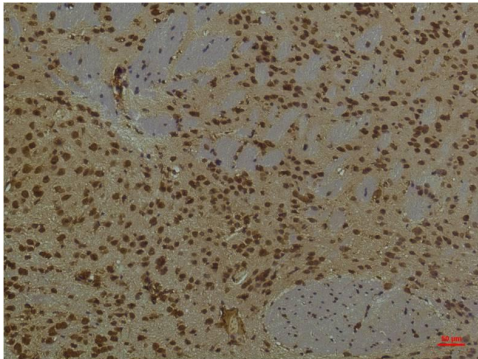
Background

Alternative Names	HIF 1 beta, ARNT, Tango, hypoxia inducible factor 1 beta, Nrnt, Dioxin receptor, bHLH2e
Observed band	87
Human Gene ID	405
Human Swiss-Prot Number	P27540
Background	Hypoxia-inducible factors (HIFs) are transcription factors that respond to changes in available oxygen in the cellular environment, to be specific, to decreases in oxygen, or hypoxia. This protein is required for the ligand-binding subunit to translocate from the cytosol to the nucleus after ligand binding.

Selected Validation Data



Western blot analysis of Mouse Brain Tissue with HIF-1 β /ARNT Mouse mAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using HIF-1 β /ARNT Mouse mAb diluted at 1:200.