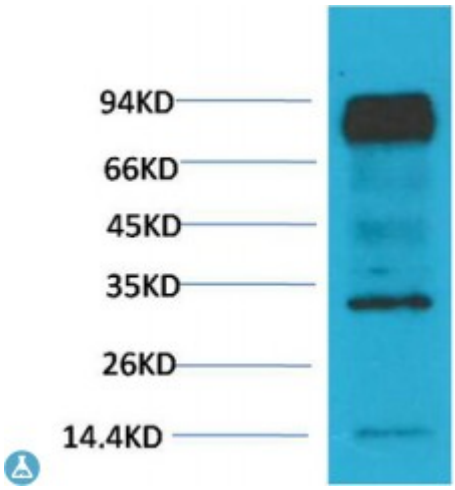
Anti-HIF-1 beta/ARNT antibody



Description	Mouse monoclonal to HIF-1 beta/ARNT (4C5).

Model	STJ97602
Host	Mouse
Reactivity	Mouse
Applications	IHC, WB
Immunogen	Recombinant Protein
Gene ID	405
Gene Symbol	ARNT
Dilution range	WB 1:1000-2000IHC 1:100-200
Specificity	HIF-1 beta/ARNT Mouse Monoclonal Antibody (4C5) detects endogenous levels of HIF-1 beta/ARNT
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Clone ID	4C5
Note	For Research Use Only (RUO).
Protein Name	Aryl hydrocarbon receptor nuclear translocator ARNT protein Class E basic helix-loop-helix protein 2 bHLHe2 Dioxin receptor, nuclear translocator Hypoxia-inducible factor 1-beta HIF-1-beta HIF1-beta
Clonality	Monoclonal
Conjugation	Unconjugated

Isotype	IgG1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:700OMIM:126110
Alternative Names	Aryl hydrocarbon receptor nuclear translocator ARNT protein Class E basic helix-loop-helix protein 2 bHLHe2 Dioxin receptor, nuclear translocator Hypoxia-inducible factor 1-beta HIF-1-beta HIF1-beta
Function	Required for activity of the Ah (dioxin) receptor. This protein is required for the ligand-binding subunit to translocate from the cytosol to the nucleus after ligand binding. The complex then initiates transcription of genes involved in the activation of PAH procarcinogens. The heterodimer with HIF1A or EPAS1/HIF2A functions as a transcriptional regulator of the adaptive response to hypoxia.
Cellular Localization	Nucleus.