

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

Catalog No.: RA10070

Basic Information

Information

Reactivity	M
Immunogen	Recombinant Protein
Host	Mouse
Isotype	IgG1
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	87KD

Applications

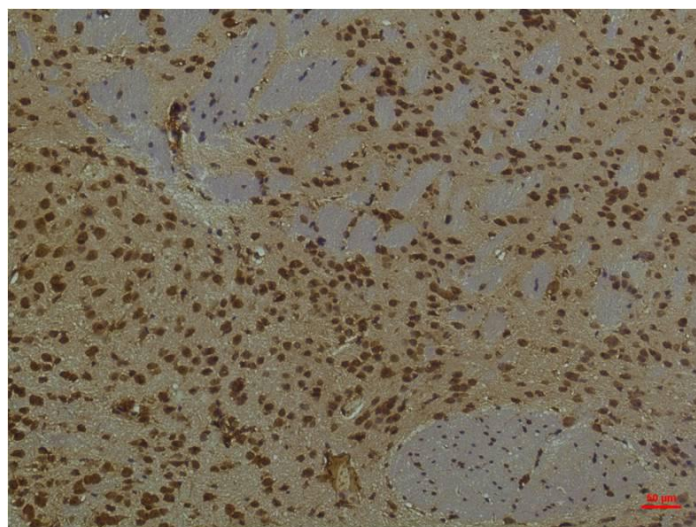
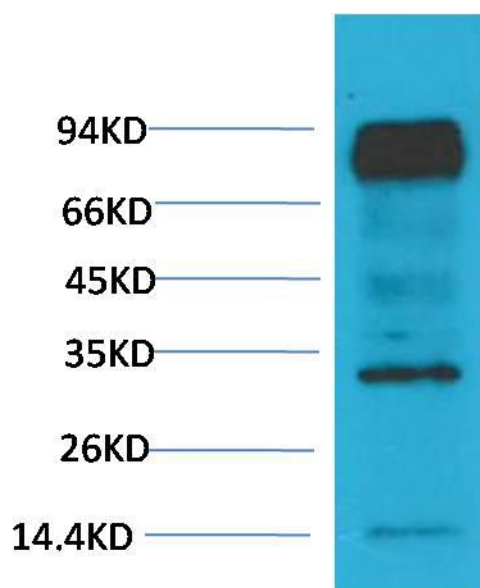
Recommended Dilution

WB	1:1,000-2,000
IHC	1:100-200

Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

Experimental 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.

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.