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[Primary Antibody]

Recombinant Rabbit Anti-HIF1A Monoclonal Antibody

Catalog Number: SLA2455M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	11A3
GeneID:	3091
SWISS:	Q16665
Target:	HIF1A
Immunogen:	A synthesized peptide derived from human HIF 1 alpha
Purification:	affinity purified by Protein A
Concentration:	0.4mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	ICC/IF (1:50-200) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	93 kDa
Subcellular Location:	Nucleus
Background:	Functions as a master transcriptional regulator of the adaptive response to hypoxia.Under hypoxic conditions, activates the transcription of over 40 genes, including erythropoietin, glucose transporters, glycolytic enzymes, vascular endothelial growth factor, HILPDA, and other genes whose protein products increase oxygen delivery or facilitate metabolic adaptation to hypoxia.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.