

Anti-POU1F1 monoclonal antibody, clone 6F5 (DCABH-55)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Pit1
Antigen Description	Transcription factor involved in the specification of the lactotrope, somatotrope, and thyrotrope phenotypes in the developing anterior pituitary. Activates growth hormone and prolactin genes. Specifically binds to the consensus sequence 5-TAAAT-3.
Immunogen	Recombinant fragment: SAAECLPASN HATNVMSTAT GLHYSVPSCH YGNQPSTYGV MAGSLTPCLY KFPDHTLSHG FPPLHQPLLA EDPAASEFKQ ELRRKSKLVEE PIDMDSPEIR ELEQFANEFK VRRIKL, corresponding to amino acids 30-146 of Rat Pit1.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Mouse
Clone	6F5
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	500 µl
Buffer	Tissue culture media: 15% FBS, DMEN 4.5g/litre glucose and 10% NCTC 109. Additives: bovine insulin, oxaloacetic acid, glycine, L-glutamine and pen-strep.
Preservative	None

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Storage	store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	Pou1f1 POU class 1 homeobox 1 [Rattus norvegicus]
Official Symbol	POU1F1
Synonyms	POU1F1; POU class 1 homeobox 1; pituitary-specific positive transcription factor 1; GHF-1; pit-1; growth hormone factor 1; POU domain, class 1, transcription factor 1; homeodomain protein for Growth Hormone (GH); Pituary specific transcription factor 1 (g
Entrez Gene ID	25517
Protein Refseq	NP_037140
UniProt ID	Q6P7Q8
Function	DNA binding; RNA polymerase II activating transcription factor binding; RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; RNA polymerase II transcr

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