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[Primary Antibody]

Recombinant Rabbit Anti-PAX5 Monoclonal Antibody

Catalog Number: SLA0793M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1/Kappa
Clonality:	Monoclonal
Clone No.:	10D1
SWISS:	Q02548
Target:	PAX5
Immunogen:	Synthesized peptide derived from human PAX-5
Purification:	affinity purified by Protein G
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ELISA (1:5000-10000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	42 kDa
Background:	The enzyme encoded by this gene catalyzes the first 2 steps , and at least 1 subsequent step , in the conversion of tyrosine to melanin. The enzyme has both tyrosine hydroxylase and dopa oxidase catalytic activities , and requires copper for function. Mutations in this gene result in oculocutaneous albinism , and nonpathologic polymorphisms result in skin pigmentation variation. The human genome contains a pseudogene similar to the 3' half of this gene. [provided by RefSeq , Oct 2008]

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