

#13411 Store at +4°C

**GATA-3 (D13C9) XP® Rabbit mAb
(PE Conjugate)****Cell Signaling**
TECHNOLOGY®**Orders:** 877-616-CELL (2355)
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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: FC-FP	Reactivity: H M	Sensitivity: Endogenous	Source/Isotype: Rabbit IgG	UniProt ID: #P23771	Entrez-Gene Id: 2625
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Product Usage Information	Application Flow Cytometry (Fixed/Permeabilized)	Dilution 1:50
Storage	Supplied in PBS (pH 7.2), less than 0.1% sodium azide and 2 mg/ml BSA. Store at 4°C. Do not aliquot the antibodies. Protect from light. Do not freeze.	
Specificity / Sensitivity	GATA-3 (D13C9) XP® Rabbit mAb (PE Conjugate) recognizes endogenous levels of total GATA-3 protein.	
Species predicted to react based on 100% sequence homology:	Monkey	
Source / Purification	Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human GATA-3 protein.	
Product Description	This Cell Signaling Technology antibody is conjugated to phycoerythrin (PE) and tested in-house for direct flow cytometry analysis in human cells. The antibody is expected to exhibit the same species cross-reactivity as the unconjugated GATA-3 (D13C9) XP® Rabbit mAb #5852.	
Background	GATA proteins comprise a group of transcription factors that are related by the presence of conserved zinc finger DNA-binding domains, which bind directly to the nucleotide sequence core element GATA (1-3). There are six vertebrate GATA proteins, designated GATA-1 to GATA-6 (3).	
Background References	<ol style="list-style-type: none"> 1. Ko, L.J. and Engel, J.D. (1993) <i>Mol Cell Biol</i> 13, 4011-22. 2. Merika, M. and Orkin, S.H. (1993) <i>Mol Cell Biol</i> 13, 3999-4010. 3. Lowry, J.A. and Atchley, W.R. (2000) <i>J Mol Evol</i> 50, 103-15. 	

Species Reactivity	Species reactivity is determined by testing in at least one approved application (e.g., western blot).
Applications Key	FC-FP: Flow Cytometry (Fixed/Permeabilized)
Cross-Reactivity Key	H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected
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