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anti-DPPA5 antibody (N-Term)

Images



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Overview	
Quantity:	0.4 mL
Target:	DPPA5
Binding Specificity:	AA 9-39, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DPPA5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 9-39 amino acids from the N-terminal region of Human DPPA5
Isotype:	lg Fraction
Specificity:	This antibody recognizes Human DPPA5 (N-term).
Purification:	Affinity Chromatography on Protein A
Target Details	
Target:	DPPA5
Alternative Name:	DPPA5 / ESG1 (DPPA5 Products)
Background:	Involved in the maintenance of embryonic stem (ES) cell pluripotency. Dispensable for self-

Target Details

	renewal of pluripotent ES cells and establishment of germ cells. Associates with specific target
	mRNAs (By similarity). Synonyms: Developmental pluripotency-associated 5 protein, Embryonal
	stem cell-specific gene 1 protein
Molecular Weight:	13498 Da
Gene ID:	340168
NCBI Accession:	NP_001020461

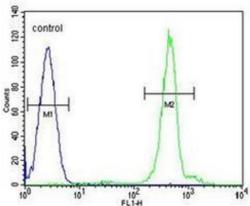
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.





HL-60 55 36 28 17 4

Flow Cytometry

Image 1. Flow cytometric analysis of HL-60 cells using DPPA5 Antibody (N-term) Cat.-No AP51314PU-N(right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of DPPA5 Antibody (N-term) Cat.-No AP51314PU-N in HL-60 cell line lysates (35ug/lane). This demonstrates the DPPA5 antibody detected the DPPA5 protein (arrow).