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anti-PURB antibody (C-Term)



Images



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Overview	
Quantity:	400 μL
Target:	PURB
Binding Specificity:	AA 260-289, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PURB antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (IF)
Product Details	
Immunogen:	This PURB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 260-289 AA from the C-terminal region of human PURB.
Clone:	RB32000
Isotype:	lg Fraction
Predicted Reactivity:	Mouse (Murine),Rat (Rattus)
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	PURB
Alternative Name:	PURB (PURB Products)

Target Details

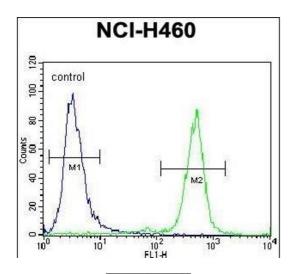
Background:	Synonyms: PURB,Transcriptional activator protein Pur-beta,
Molecular Weight:	33241 DA
Gene ID:	5814
NCBI Accession:	NP_150093
UniProt:	Q96QR8

Application Details

Application Notes:	IF = 1:10-50, WB = 1:1000, FACS = 1:10-50
Restrictions:	For Research Use only

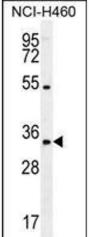
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



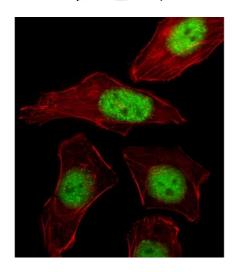
Flow Cytometry

Image 1. PURB Antibody (C-term) flow cytometric analysis of NCI- cells (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. PURB Antibody (C-term) western blot analysis in NCI- cell line lysates ($35 \,\mu g$ /lane). This demonstrates the PURB antibody detected the PURB protein (arrow).



Immunofluorescence

Image 3. Fluorescent image of A549 cell stained with PURB Antibody (C-term). A549 cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with PURB primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). PURB immunoreactivity is localized to Nucleus significantly.