

**bs-6768R**

**[ Primary Antibody ]**

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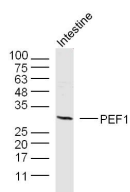
400-901-9800

## PEF1 Rabbit pAb

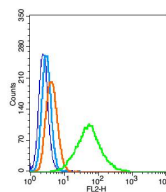
### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>Flow-Cyt</b> (1ug/Test)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 553115	<b>SWISS:</b> Q9UBV8	<b>Reactivity:</b> Human, Mouse (predicted: Rat, Pig, Sheep, Cow, Horse, Monkey)
<b>Target:</b> PEF1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human PEF1: 121-230/284.		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 30 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Storage:</b> 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.		
<b>Background:</b> PEF1 (penta-EF hand domain containing 1) is a Ca(2+)-binding protein that belongs to the penta-EF hand family which shares similarities to the apoptosis linked gene ALG-2. PEF1 heterodimerizes with PDCD6/ALG2 and dissociates from PDCD6/ALG2 in the presence of Ca(2+).		

### — VALIDATION IMAGES —



Sample: Intestine (Mouse) Lysate at 40 ug  
Primary: Anti-PEF1 (bs-6768R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at  
1/20000 dilution Predicted band size: 30 kD  
Observed band size: 30 kD



Blank control: HeLa(blue), the cells were fixed  
with 2% paraformaldehyde (10 min) and then  
permeabilized with ice-cold 90% methanol for  
30 min on ice. Isotype Control Antibody: Rabbit  
IgG(orange) ; Secondary Antibody: Goat anti-  
rabbit IgG-FITC(white blue), Dilution: 1:200 in 1 X  
PBS containing 0.5% BSA ; Primary Antibody  
Dilution: 1µg in 100 µL1X PBS containing 0.5%  
BSA(green).