

## Recombinant FPGS Monoclonal Antibody

catalog number: AN301242L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human FPGS protein
Host	Rabbit
Isotype	IgG, $\kappa$
Clone	B1005
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	
WB	1:1000-1:5000
FC	1:100-1:500



Western Blot with Recombinant FPGS Monoclonal Antibody

at dilution of 1:1000 dilution. Lane A: Jurkat lysate.

Observed-MW:65 kDa

Calculated-MW:65 kDa

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background	
This gene encodes the folylpolyglutamate synthetase enzyme. This enzyme has a central role in establishing and maintaining both cytosolic and mitochondrial folylpolyglutamate concentrations and, therefore, is essential for folate homeostasis and the survival of proliferating cells. This enzyme catalyzes the ATP-dependent addition of glutamate moieties to folate and folate derivatives. Alternative splicing results in transcript variants encoding different isoforms.	

### For Research Use Only

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