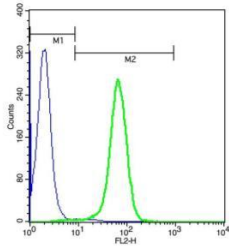
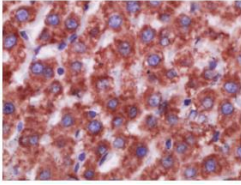


CD16 Rabbit pAb, PE conjugated

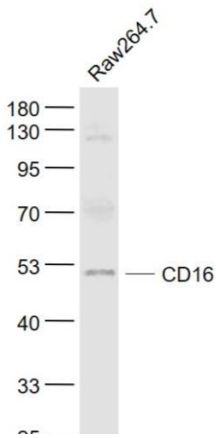
Catalog Number:	SL-6028R-PE
Target Protein:	CD16
Concentration:	1mg/ml
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	Flow-Cyt (1ug/Test), IF (1:100-500) Excitation spectrum: 496nm,564nm Emission spectrum: 578nm
Reactivity:	Human,Mouse,Rat (predicted:Rabbit,Pig,Sheep,Cow)
Source:	KLH conjugated synthetic peptide derived from human IGFR3/CD16: 131-230/254.
Purification:	affinity purified by Protein A
Storage:	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.
Background:	This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigen-antibody complexes from the circulation, as well as other responses, including antibody dependent cellular mediated cytotoxicity and antibody dependent enhancement of virus infections. This gene (FCGR3A) is highly similar to another nearby gene (FCGR3B) located on chromosome 1. The receptor encoded by this gene is expressed on natural killer (NK) cells as an integral membrane glycoprotein anchored through a transmembrane peptide, whereas FCGR3B is expressed on polymorphonuclear neutrophils (PMN) where the receptor is anchored through a phosphatidylinositol (PI) linkage. Mutations in this gene are associated with immunodeficiency 20, and have been linked to susceptibility to recurrent viral infections, susceptibility to systemic lupus erythematosus, and alloimmune neonatal neutropenia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2020]



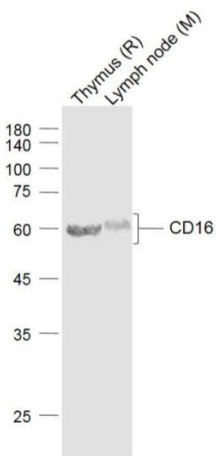
Cell: U937(4% Paraformaldehyde fixed for 10 minutes, 2% BSA at 4°C blocked for 30 minutes).
 Concentration: 1:100; Incubation: 40 minutes. Flow cytometric analysis of Rabbit Anti-CD16 antibody (SL-6028R) (green) compared with control in the absence of primary antibody (blue) followed by U937.
 Secondary antibody: Goat Anti-rabbit IgG/PE antibody (SL-0295G-PE)



Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD16) Polyclonal Antibody, Unconjugated (SL-6028R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Sample: Raw264.7(Mouse) Cell Lysate at 30 ug Primary: Anti-CD16 (SL-6028R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 27 kD Observed band size: 50 kD



Sample: Lane 1: Thymus (Rat) Lysate at 40 ug Lane 2: Lymph node (Mouse) Lysate at 40 ug Primary: Anti-CD16 (SL-6028R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 55 kD Observed band size: 60 kD