Recombinant DGRmAb®

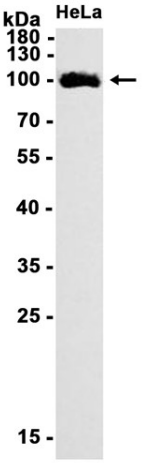
ABCG1 (DGR13569) Rabbit mAb (PBS Only)

db12044-PBS **Package : 10μg 100μg**

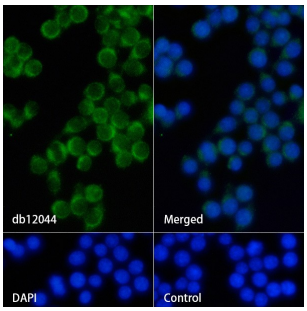
Product Name : ABCG1 (DGR13569) Rabbit mAb (PBS Only)
Cat.No.: db12044-PBS
Synonyms : ABC8; WHITE1
Application : WB, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. It is involved in macrophage cholesterol and phospholipids transport, and may regulate cellular lipid homeostasis in other cell types. Six alternative splice variants have been identified. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human ABCG1
Gene ID	9619
Swiss Prot	P45844
Synonyms	ABC8; WHITE1
Reactivity	Human,Mouse,Rat
Application	WB, ICC/IF
Calculated MW	76 kDa
Observed MW	100 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13569
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa cells using db12044 at 1:1000.



Immunofluorescence analysis of RAW 264.7 cells labelling ABCG1 with db12044.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12044 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.