Recombinant DGRmAb®

ABRAXAS1 (DGR36053) Rabbit mAb (PBS Only)

db16288-PBS **Package : 10μg 100μg**

Product Name : ABRAXAS1 (DGR36053) Rabbit mAb (PBS Only)
Cat.No.: db16288-PBS
Synonyms : ABRA1; CCDC98; FAM175A
Application : WB, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

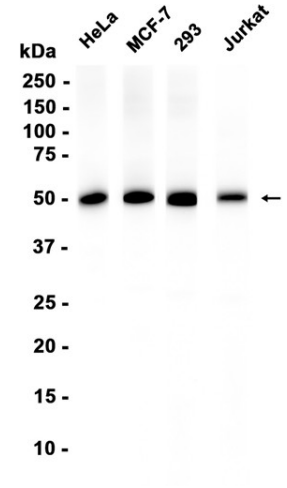
Background	This gene encodes a protein that binds to the C-terminal repeats of breast cancer 1 (BRCA1) through a phospho-SXXF motif. The encoded protein recruits ubiquitin interaction motif containing 1 protein to BRCA1 protein and is required for DNA damage resistance, DNA repair, and cell cycle checkpoint control. Pseudogenes of this gene are found on chromosomes 3 and 8. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2016]
Immunogen	A synthetic peptide of Human ABRAXAS1
Gene ID	84142
Swiss Prot	Q6UWZ7
Synonyms	ABRA1; CCDC98; FAM175A
Reactivity	Human
Application	WB, ICC/IF, FC, IP
Calculated MW	47 kDa
Observed MW	50 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR36053
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL

Formulation

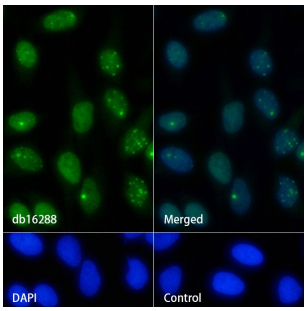
PBS Only

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, MCF-7, 293, Jurkat cells using db16288 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling ABRAXAS1 with db16288.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), 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 db16288 (1:200) 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.