Recombinant DGRmAb®

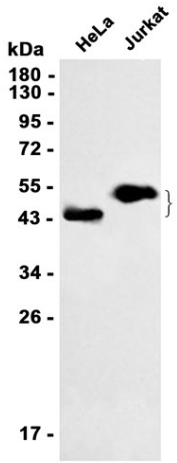
Fas (DGR18909) Rabbit mAb (PBS Only)

db12190-PBS **Package : 10μg 100μg**

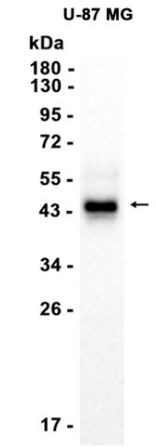
Product Name : Fas (DGR18909) Rabbit mAb (PBS Only)
Cat.No.: db12190-PBS
Synonyms : APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6
Application : WB, IHC-P, ICC/IF
Reactivity : Human
Host species : Rabbit

Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains a death domain. It has been shown to play a central role in the physiological regulation of programmed cell death, and has been implicated in the pathogenesis of various malignancies and diseases of the immune system. The interaction of this receptor with its ligand allows the formation of a death-inducing signaling complex that includes Fas-associated death domain protein (FADD), caspase 8, and caspase 10. The autoproteolytic processing of the caspases in the complex triggers a downstream caspase cascade, and leads to apoptosis. This receptor has been also shown to activate NF-kappaB, MAPK3/ERK1, and MAPK8/JNK, and is found to be involved in transducing the proliferating signals in normal diploid fibroblast and T cells. Several alternatively spliced transcript variants have been described, some of which are candidates for nonsense-mediated mRNA decay (NMD). The isoforms lacking the transmembrane domain may negatively regulate the apoptosis mediated by the full length isoform. [provided by RefSeq, Mar 2011]
Immunogen	A synthetic peptide of human Fas
Gene ID	355
Swiss Prot	P25445
Synonyms	APT1; CD95; FAS1; APO-1; FASTM; ALPS1A; TNFRSF6
Reactivity	Human
Application	WB, IHC-P, ICC/IF
Calculated MW	38 kDa
Observed MW	45 kDa
Host species	Rabbit
Clonality	Monoclonal

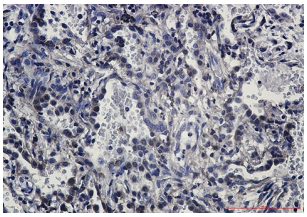
Clonality No.	DGR18909
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, Jurkat cells using db12190 at 1:1000.



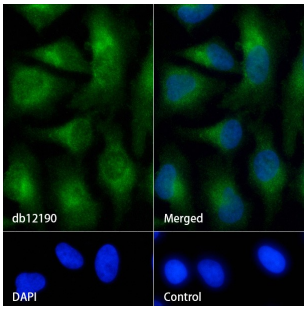
Western blot analysis of extracts from U-87 MG cells using db12190 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using db12190 antibody.



Immunofluorescent analysis of HL-60 cells using db12190 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling Fas with db12190.

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 db12190 (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.