Recombinant DGRmAb®

GFAP (DGR12126) Rabbit mAb (AF488)

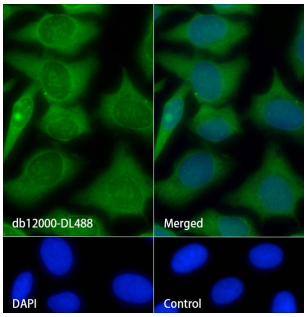
db12000-DL488 **Package : 100μL**

Product Name : GFAP (DGR12126) Rabbit mAb (AF488)
Cat.No.: db12000-DL488
Synonyms : ALXDRD
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]
Immunogen	A synthetic peptide of human GFAP
Gene ID	2670
Swiss Prot	P14136
Synonyms	ALXDRD
Reactivity	Human, Mouse, Rat
Application	WB, IHC-P, ICC/IF, FC
Recommended dilution	ICC/IF: 1:100-1:200
Calculated MW	50 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12126
Isotype	IgG
Purity	Affinity Purification
Conjugation	AF488
Concentration	1 mg/mL

Storage Stability

Store at -20°C. Avoid exposure to light. Supplied in PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling GFAP with db12000-DL488.

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 db12000-DL488 (1:100， shown in green) at room temprature for 1h. Nuclear DNA was labeled in blue with DAPI.

Control: DAPI only.