Recombinant DGRmAb®

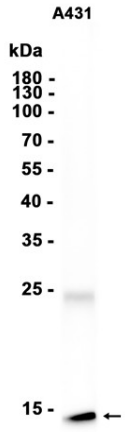
S100 alpha 2/S100A2 (DGR33501) Rabbit mAb (PBS Only)

db13132-PBS **Package : 10μg 100μg**

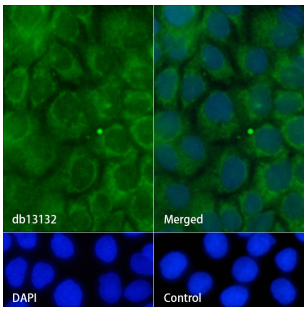
Product Name : S100 alpha 2/S100A2 (DGR33501) Rabbit mAb (PBS Only)
Cat.No.: db13132-PBS
Synonyms : CAN19; S100L
Application : WB, IHC, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

Background	The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may have a tumor suppressor function. Chromosomal rearrangements and altered expression of this gene have been implicated in breast cancer. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human S100 alpha 2/S100A2
Gene ID	6273
Swiss Prot	P29034
Synonyms	CAN19; S100L
Reactivity	Human
Application	WB, IHC, ICC/IF, FC, IP
Calculated MW	11 kDa
Observed MW	11 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR33501
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 A431 cells using db13132 at 1:1000.



Immunofluorescence analysis of A431 cells labelling S100 alpha 2/S100A2 with db13132.

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 db13132 (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.