Recombinant DGRmAb®

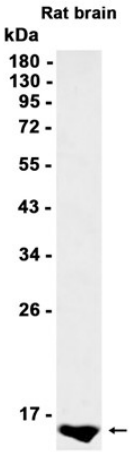
S100B (DGR14866) Rabbit mAb (PBS Only)

db11749-PBS **Package : 10μg 100μg**

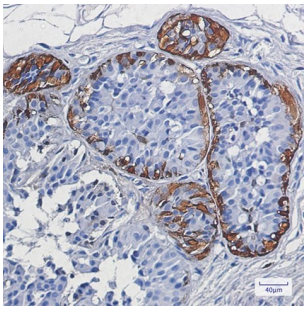
Product Name : S100B (DGR14866) Rabbit mAb (PBS Only)
Cat.No.: db11749-PBS
Synonyms : NEF; S100; S100-B; S100beta
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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; however, this gene is located at 21q22.3. This protein may function in Neurite extension, proliferation of melanoma cells, stimulation of Ca2+ fluxes, inhibition of PKC-mediated phosphorylation, astrocytosis and axonal proliferation, and inhibition of microtubule assembly. Chromosomal rearrangements and altered expression of this gene have been implicated in several neurological, neoplastic, and other types of diseases, including Alzheimer's disease, Down's syndrome, epilepsy, amyotrophic lateral sclerosis, melanoma, and type I diabetes. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human S100B
Gene ID	6285
Swiss Prot	P04271
Synonyms	NEF; S100; S100-B; S100beta
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF
Calculated MW	11 kDa
Observed MW	11 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14866

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 Rat brain tissue using db11749 at 1:500.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11749 antibody.