Recombinant DGRmAb®

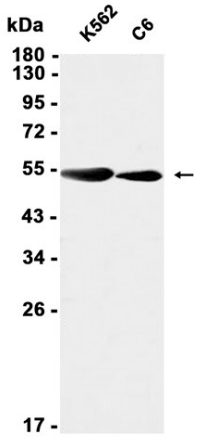
MST4 (DGR12115) Rabbit mAb (PBS Only)

db13456-PBS **Package : 10μg 100μg**

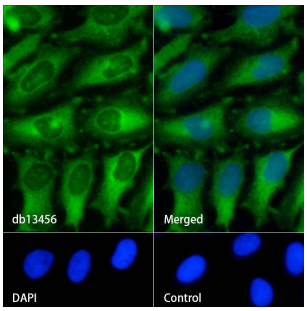
Product Name : MST4 (DGR12115) Rabbit mAb (PBS Only)
Cat.No.: db13456-PBS
Synonyms : MASK; MST4
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The product of this gene is a member of the GCK group III family of kinases, which are a subset of the Ste20-like kinases. The encoded protein contains an amino-terminal kinase domain, and a carboxy-terminal regulatory domain that mediates homodimerization. The protein kinase localizes to the Golgi apparatus and is specifically activated by binding to the Golgi matrix protein GM130. It is also cleaved by caspase-3 in vitro, and may function in the apoptotic pathway. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human MST4
Gene ID	51765
Swiss Prot	Q9P289
Synonyms	MASK; MST4
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	47 kDa
Observed MW	52 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12115
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 K562, C6 cells using db13456 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling MST4 with db13456.

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 db13456 (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.