

Recombinant

DGRmAb®

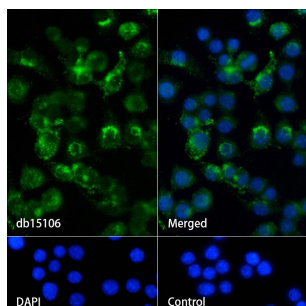
Osteopontin (DGR15236) Rabbit mAb

db15106

Package : 10µL 20µL 50µL 100µL

Product Name : Osteopontin (DGR15236) Rabbit mAb**Cat.No.:** db15106**Synonyms** : OP; 2AR; Bsp; Eta; Opn; Ric; BNSP; BSPI; Opnl; Apl-1; ETA-1; Spp-1**Application** : WB, IHC-P, ICC/IF**Reactivity** : Mouse**Host species** : Rabbit

Background	Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction.
Immunogen	Recombinant protein of mouse Osteopontin
Gene ID	20750
Swiss Prot	P10923
Synonyms	OP; 2AR; Bsp; Eta; Opn; Ric; BNSP; BSPI; Opnl; Apl-1; ETA-1; Spp-1
Reactivity	Mouse
Application	WB, IHC-P, ICC/IF
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:500 ICC/IF: 1:500-1:1000
Calculated MW	33 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR15236
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescence analysis of RAW 264.7 cells labelling Osteopontin with db15106.

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 db15106 (1:500) 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.