

# QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

## Bovine Osteocalcin Monoclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 50116

**Size:** 100 ug IgG in 10 mM PBS, pH 7.4, lyophilized.

### SPECIFICATION SUMMARY

**Antigen:** Bovine osteocalcin

**Host Species:** Mouse

**Clone Number:** OCG3

**Stabilizers:** 1% BSA

**Preservatives:** 0.1% Sodium Azide

### SPECIFICITY

Cat. No.	Epitope	Sub-class	Reactivity
50114	Includes the $\gamma$ -carboxylated residue at position 17	IgG2a	Bov, Hu, Rat, Rbt, Pig, Dog, Goat, Sheep, Chicken; none with Mouse.
50118	Residues 45-49	IgG2	Bovine and Human; none with mouse or rat.
50116	Residues 21-31	IgG3	Bov, Hu, Rat, Rbt, Pig, Dog, Goat, Sheep, Chicken; none with Mouse.
50120	Residues 4-9	IgG1	Bov, Hu, Rbt, Pig, Dog, Goat, Sheep, Chicken; none with Mouse or Rat

### APPLICATIONS

**Western Blot:** Useful under reducing and non-reducing conditions.

**Immunohistochemistry:** 10 ug/ml on paraffin embedded and frozen tissue sections.

### DILUTION INSTRUCTIONS

Reconstitute in distilled water to the final desired concentration.

### STORAGE AND STABILITY

Lyophilized antibody is stable at 4°C for 2 years. Store the reconstituted solution in aliquots at -20°C for one year or at 4°C for 6 months. Avoid repeated freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*