

# QED Bioscience Inc.

ADVANCED ANTIBODY TECHNOLOGIES

## Human E-Cadherin Monoclonal Antibody

### ORDERING INFORMATION

**Catalog No.:** 42027

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

### SPECIFICATION SUMMARY

**Antigen:** Human placenta E-Cadherin

**Host Species:** Mouse

**Clone Number:** SHE78-7

**Subclass:** IgG2a

**Stabilizers:** 1% BSA

**Preservatives:** None

### SPECIFICITY

This antibody specifically reacts with human E-Cadherin, but does not react with rat E-Cadherin. This antibody inhibits E-Cadherin dependent cell-cell contact.

### APPLICATIONS

*ELISA:* 2 ug/ml

*Western Blotting:* 2 ug/ml, reducing and non-reducing conditions.

*Flow Cytometry:* 1 ug/ml

*Immunohistochemistry:* 2 ug/ml, paraffin-embedded and frozen tissue sections.

*Immunofluorescence:* 1 ug/ml.

*Cell-Cell Contact Inhibition Assays:* 1 ug/ml

### 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 after addition of 0.1% sodium azide by the user. Avoid repeated freeze-thaw cycles.

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