

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Human Endothelin Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 19401 thru 19404

Size: 100 ug Protein G-purified antibody in PBS, pH 7.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

SPECIFICATION SUMMARY

Antigen: Human endothelin 1 (ET-1).

Host Species: Mouse.

Antibody Class: IgG1.

Stabilizers: None.

Preservatives: None. Available on request.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles

ACTIVITY AND SPECIFICITY

MONOCLONAL ANTIBODY CATALOG NUMBERS

<u>Reactivity With</u>	<u>19401</u>	<u>19402</u>	<u>19403</u>	<u>19404</u>
Endothelin-1	2 x 10 ²	2 x 10 ¹	1 x 10 ¹	8 x 10 ¹
Endothelin-2	2 x 10 ²	2 x 10 ⁰	4 x 10 ⁰	8 x 10 ¹
Endothelin-3	2 x 10 ⁴	1 x 10 ³	1 x 10 ³	2 x 10 ³
Big Endothelin	0*	2 x 10 ⁰	4 x 10 ⁰	0*
Endothelin C-terminal hexapeptide		0*	0*	
Atrial natriuretic peptide		0*	0*	
Sarafotoxin S6c			2 x 10 ⁴	
Angiotensin I		0*		
Angiotensin II		0*		

*No reactivity at 10⁵ pg/tube. Reactivities determined by competitive RIA. Values = concentrations (pg/tube) to give 50% B/B₀.

APPLICATIONS

These antibodies may be used in ELISA and radioimmunoassays for detection and quantitation of endothelins. 19401 may be used for histochemical localization of endothelins.

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