

## Human Endothelin Monoclonal Antibodies

### ORDERING INFORMATION

**Catalog No.:** 19401 thru 19404  
**Size:** 100 ug Protein G-purified antibody in PBS, pH 7.

### SPECIFICATION SUMMARY

**Antigen:** Human endothelin 1 (ET-1).  
**Host Species:** Mouse.  
**Antibody Class:** IgG1.  
**Stabilizers:** None.  
**Preservatives:** None. Available on request.

### DILUTION INSTRUCTIONS

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

### 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 <sup>2</sup>	2 x 10 <sup>1</sup>	1 x 10 <sup>1</sup>	8 x 10 <sup>1</sup>
Endothelin-2	2 x 10 <sup>2</sup>	2 x 10 <sup>0</sup>	4 x 10 <sup>0</sup>	8 x 10 <sup>1</sup>
Endothelin-3	2 x 10 <sup>4</sup>	1 x 10 <sup>3</sup>	1 x 10 <sup>3</sup>	2 x 10 <sup>3</sup>
Big Endothelin	0*	2 x 10 <sup>0</sup>	4 x 10 <sup>0</sup>	0*
Endothelin C-terminal hexapeptide		0*	0*	
Atrial natriuretic peptide		0*	0*	
Sarafotoxin S6c			2 x 10 <sup>4</sup>	
Angiotensin I		0*		
Angiotensin II		0*		

\*No reactivity at 10<sup>5</sup> pg/tube. Reactivities determined by competitive RIA. Values = concentrations (pg/tube) to give 50% B/B<sub>0</sub>.

### 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.*