



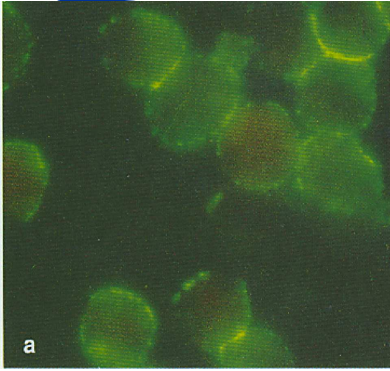
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PRODUCT SPECIFICATION

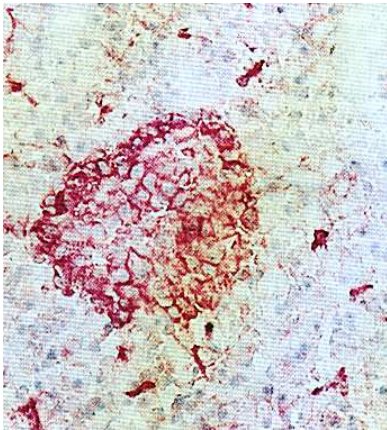
MOUSE MONOCLONAL ANTIBODY REACTIVE WITH PANCREATIC BETA CELLS OF THE RAT AND RIN CELLS

| CAT.-NO. | FORMAT | QUANTITY | NET PRICE |
|-----------------|--|-----------------|------------------|
| AB120A | Ammonium sulphate precipitated mouse IgG | 100µg | 310.00 € |
| AB120G | Affinity purified mouse IgG | 100µg | 447.00 € |

| | |
|--------------------|--|
| Clon | M10H6 |
| Isotype | IgG2a |
| Immunogen | Rat insulinoma cells |
| Reactivity | <p>The monoclonal antibody is very strongly and specifically binding to a surface structure of viable isolated rat beta cells as demonstrated by FACS. The antibody is also binding on pancreatic cryosections but not on formalin fixed paraffin sections from rat pancreas. The antibody can not be used in Western Blot and for immunoprecipitation.</p> <p>The antibody is not reactive with beta cells from mouse islets. The cross reactivity with human pancreatic beta cells was not detected.</p> |
| Host | Mouse |
| Format | Liquid in PBS, pH 7.4, containing 0.9mg/ml sodium azide |
| Quantity | 100µg |
| Concentration | 0.5mg/ml |
| Application | Cell sorting, Flow cytometrie, Immunofluorescence |
| Short term storage | +4°C |
| Long term storage | -20°C |
| Use/Stability | Stable for at least 1 year when stored at +4°C |
| Handling | Avoid freeze/thaw cycles |
| Note | For <i>in vitro</i> research use only, not for therapeutic or diagnostic use. |



Immunostaining of the surface of viable rat insulinoma beta cells by incubation with the monoclonal antibody M10H6 using indirect immunofluorescence technique.



Reactivity of the antibody in vitro on islets of pancreatic cryosections of NEDH rats.

References: Ziegler B, Lucke S, Köhler E, Hehmke B, Schlosser M, Witt S, Besch W, Ziegler M: Monoclonal antibody-mediated cytotoxicity against rat Beta cells detected in vitro does not cause Beta-cell destruction in vivo. *Diabetologia* 35 (1992) 608-613.

Schlosser M, Witt S, Ziegler B, Ziegler M: Influence of target cell preparation on binding of monoclonal islet cell reactive antibodies (mc-ICRA) in cellular enzyme linked immunosorbent assay (CELISA). *J Immunol Meth* 140 (1991) 101-109.