

## Acrosome of boar Spermatozoa, clone ACR-2 Monoclonal Antibody

**Catalog No.:** MON 9015

**Quantity:** 100 µg

### **Specificity**

The antibody reacts with acrosomal proteins of boar spermatozoa. In Western blots it reacts with 38, 45, 53 and 55 kD molecules. The antibody stains in undamaged spermatozoa the acrosome.

### **Immunoglobulin type**

Murine IgG<sub>1</sub>

### **Use**

The antibody is useful for evaluation of the extend of damage of boar sperm cells and for functional studies on the acrosome. (On special request also antibodies against bull sperm acrosome are available).

### **Instructions for use**

The acrosomal antigen is present in healthy undamaged sperm cells and not detectable with the antibody without fixation. In damaged sperm the acrosomal proteins have poured out of the acrosome and will not be detected. For staining of acrosomal proteins smears of sperm on glass slides must be fixed with acetone for 10 min. at room temperature. Thereafter antibody and a fluorescence or enzyme labeled antibody can be applied.

### **Presentation**

1 ml diluted ascites with sodium azide. Sufficient for 100 tests.

### **Literature**

- Peknicova, P., and Moos, J., 1990, *Andrologica* 22, 427-435.

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