

ADAM1B antibody [#57]

Cat. No. GTX00691

| | |
|--------------------|---------------|
| Host | Rat |
| Clonality | Monoclonal |
| Isotype | IgG2a |
| Application | ICC/IF, IHC-P |
| Reactivity | Mouse |

Reference (1)

Package

100 µg

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| ICC/IF | 1:100-1:300 |
| IHC-P | 1:100-1:300 |

Not tested in other applications.

Calculated MW 89 kDa. ([Note](#))

PROPERTIES

| | |
|----------------------|--|
| Form | Liquid |
| Buffer | Filter-sterilized PBS, 50% Glycerol |
| Preservative | No preservative |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Mouse sperm |
| Purification | Purified IgG |
| Conjugation | Unconjugated |

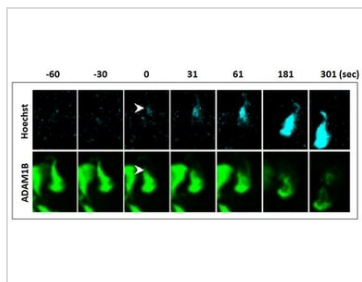
Note

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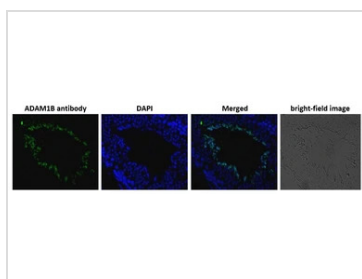


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DATA IMAGES

GTx00691 ICC/IF Image

ICC/IF analysis of a representative time-lapse view of sperm-egg fusion using GTx00691 ADAM1B antibody [#57].

The initiation of fusion (time 0) was detected by transfer of Hoechst 33342 dye to sperm in the same area (indicated by arrowheads). The diffusion of membrane in the postacrosomal area identified by ADAM1B (green) started about 60 s after the initiation of sperm-egg fusion and was accompanied by expansion of the Hoechst 33342 staining area toward the posterior head.


GTx00691 IHC-P Image

IHC-P analysis of mouse testis tissue section using GTx00691 ADAM1B antibody [#57].

Dilution : 1:100



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