

Datasheet for ABIN1391157

**anti-MC5 Receptor antibody (AA 78-125) (AbBy Fluor® 350)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                         |
| Target:              | MC5 Receptor (MC5R)                                                                                                            |
| Binding Specificity: | AA 78-125                                                                                                                      |
| Reactivity:          | Mouse                                                                                                                          |
| Host:                | Rabbit                                                                                                                         |
| Clonality:           | Polyclonal                                                                                                                     |
| Conjugate:           | This MC5 Receptor antibody is conjugated to AbBy Fluor® 350                                                                    |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human MC5 Receptor |
| Isotype:              | IgG                                                              |
| Cross-Reactivity:     | Mouse                                                            |
| Predicted Reactivity: | Human,Rabbit                                                     |
| Purification:         | Purified by Protein A.                                           |

## Target Details

|                   |                                                      |
|-------------------|------------------------------------------------------|
| Target:           | MC5 Receptor (MC5R)                                  |
| Alternative Name: | MC5 Receptor/MC5-R ( <a href="#">MC5R Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                 |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | Synonyms: MC2, Melanocortin receptor 5, MC5-R, MC-2, MC5R<br>Background: Receptor for MSH (alpha, beta and gamma) and ACTH. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. This receptor is a possible mediator of the immunomodulation properties of melanocortins. |
| Gene ID:    | 4161                                                                                                                                                                                                                                                                                                            |
| UniProt:    | <a href="#">P33032</a>                                                                                                                                                                                                                                                                                          |
| Pathways:   | <a href="#">cAMP Metabolic Process</a>                                                                                                                                                                                                                                                                          |

## Application Details

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |