

# Anti-BACE1 antibody



Catalog Number: 106283

## Product name

Anti-BACE1 antibody

## Immunogen

[Human BACE1 \(His Tag\) recombinant protein](#)

## Specificity

Human BACE1

## Antibody description

Rabbit monoclonal to BACE1

## Preparation

This antibody was obtained from a rabbit immunized with purified, recombinant Human BACE1 (rh BACE1; NP\_036236.1; Met1-Thr457).

## Formulation

0.2  $\mu$ m filtered solution in PBS with 5% trehalose

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Monoclonal

## Ig Type

Rabbit IgG

## Applications

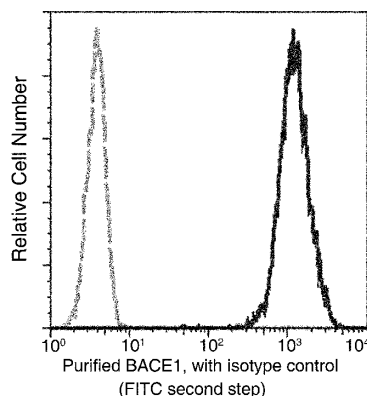
FCM, IF, ICC/IF

## Dilutions

FCM: 0.5-2  $\mu$ g/Test

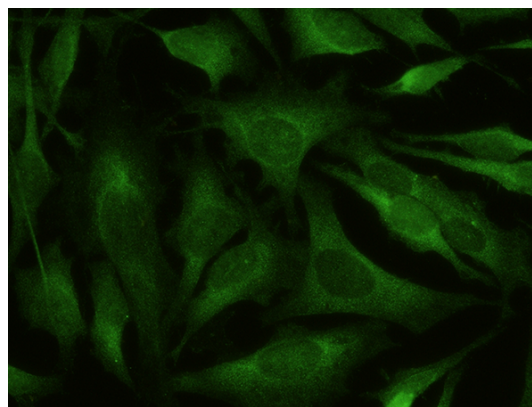
ICC/IF: 10-25  $\mu$ g/mL

## Validations



BACE1 Antibody, Rabbit MAb, Flow cytometric analysis

Flow cytometric analysis of Human BACE1 expression on Jurkat cells. The cells were treated according to manufacturer's manual (BD Pharmingen™ Cat. No. 554714), stained with purified anti-Human BACE1, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



BACE1 Antibody, Rabbit MAb, Immunofluorescence

Immunofluorescence staining of Human BACE1 in HeLa cells. Cells were fixed with 4% PFA,

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permeabilized with 1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human AK4 monoclonal antibody (15 µg/ml) at 37°C 1 hour. Then cells were stained

with the Alexa Fluor® 488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to cytoplasm.