

# Anti-Mc1r antibody

Catalog Number: 175570

## Product name

Anti-Mc1r antibody

## Specificity

Human, Mouse, Rat

## Antibody description

Rabbit polyclonal antibody to Mc1r

## Preparation

This antigen of this antibody was klh conjugated synthetic peptide derived from mouse mc-1r 271-317/317

## Formulation

Liquid, 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

## Storage

Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

## Clonality

Polyclonal

## Ig Type

Rabbit IgG

## Applications

WB, IHC-P, FC

## Dilutions

WB:1:500-2000

IHC-P:1:400-800

FC:1µg/Test

## Validations

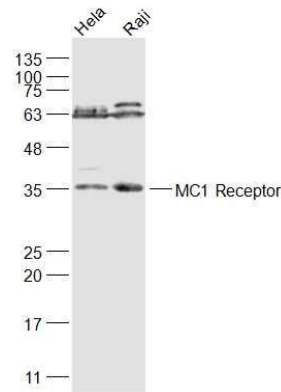
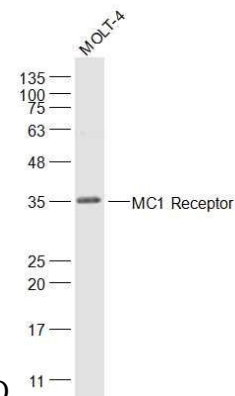
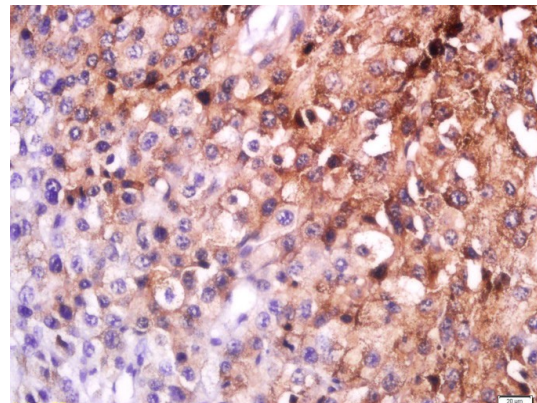


Fig1: Sample:; HeLa(Human) Cell Lysate at 30 ug; Raji(Human) Cell Lysate at 30 ug; Primary: Anti-MC1 Receptor at 1/1000 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 35 kD; Observed



band size: 35 kD

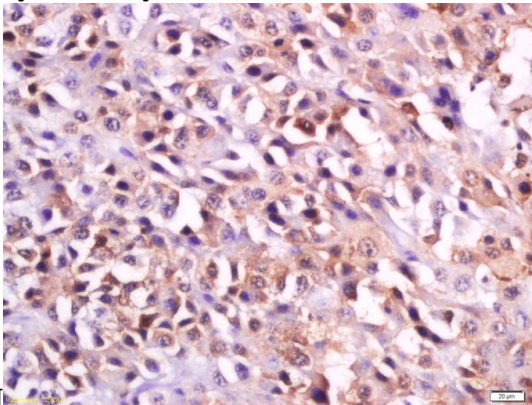
Fig2: Sample:; MOLT-4(Human) Cell Lysate at 30 ug; Primary: Anti-MC1 Receptor at 1/1000 dilution; Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution; Predicted band size: 35 kD; Observed band size: 35 kD



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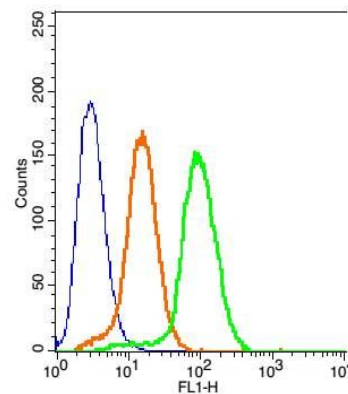
Fig3: Tissue/cell: human melanoma; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;; Incubation: Anti-MSHR Polyclonal Antibody, Unconjugated 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010)



staining

Fig4: Tissue/cell: human melanoma; 4% Paraformaldehyde-fixed and paraffin-embedded;; Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;; Incubation: Anti-MSHR Polyclonal Antibody, Unconjugated 1:200, overnight at 4°C, followed by conjugation to the

secondary antibody(SP-0023) and DAB(C-0010)



staining

Fig5: Blank control: 293T(blue).; Primary Antibody: Rabbit Anti- MC1 Receptor/AF488 Conjugated antibody (175570#-AF488), Dilution: 1µg in 100 µL 1X PBS containing 0.5% BSA;; Isotype Control Antibody: Rabbit IgG/AF488(orange) ,used under the same conditions.; Protocol; The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with ice-cold 90% methanol for 30 min on ice. The cells were washed twice with 1 X PBS. The cells were incubated in 1 X PBS containing 0.5% BSA + 1 0% goat serum (15 min) to block non-specific protein-protein interactions followed by the incubated with antibody (175570#-AF488, 1µg /1x10<sup>6</sup> cells) for 30 min on ice. Acquisition of 20,000 events was performed.