



订购热线: 4008-898-798

Anti-SMURF2 antibody

Cat. No. ml260910
Package 25 μ l/100 μ l/200 μ l
Storage -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description Anti-SMURF2 rabbit polyclonal antibody
Applications ELISA, IHC
Immunogen Synthetic peptide of human SMURF2
Reactivity Human, Mouse
Content 0.5 mg/ml
Host species Rabbit
Ig class Immunogen-specific rabbit IgG
Purification Antigen affinity purification

Target information

Symbol SMURF2
Full name SMAD specific E3 ubiquitin protein ligase 2
Synonyms
Swissprot Q9HAU4

Target Background

E3 ubiquitin-protein ligase SMURF2 is an enzyme that in humans is encoded by the SMURF2 gene. E3 ubiquitin-protein ligase which accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Interacts with SMAD1 and SMAD7 in order to trigger their ubiquitination and proteasome-dependent degradation. In addition, interaction with SMAD7 activates autocatalytic degradation, which is prevented by interaction with SCYE1. Forms a stable complex with the TGF-beta receptor-mediated phosphorylated SMAD2 and SMAD3.

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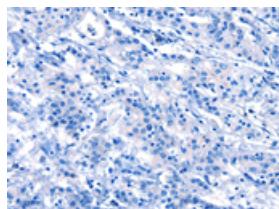
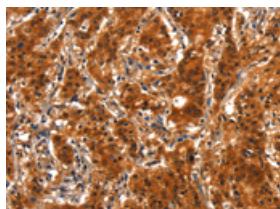
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human gastric cancer

Recommended dilution: 25-100

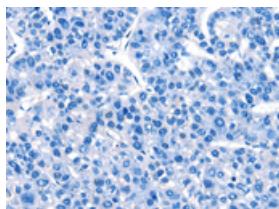
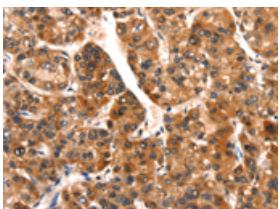


The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml260910(SMURF2 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml260910(SMURF2 Antibody) at dilution 1/15, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 1000-2000

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