

Anti-Somatostatin Receptor 2 Antibody (50501)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 41 kDa. Actual: 70 kDa.
Clone:	50501
Purification:	Protein A purified

Applications

Verified Activity:

1. 25 µg total protein per lane of various lysates (see on figure) probed with Somatostatin Receptor 2 monoclonal antibody, unconjugated (TMAB-13042) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.
2. Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Somatostatin Receptor 2 Monoclonal Antibody, Unconjugated (TMAB-13042) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Rat Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Somatostatin Receptor 2 Monoclonal Antibody, Unconjugated (TMAB-13042) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Somatostatin Receptor 2 Monoclonal Antibody, Unconjugated (TMAB-13042) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Mouse Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Somatostatin Receptor 2 Monoclonal Antibody, Unconjugated (TMAB-13042) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Rat Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Somatostatin Receptor 2 Monoclonal Antibody, Unconjugated (TMAB-13042) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Pancreas; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Somatostatin Receptor 2 Monoclonal Antibody, Unconjugated (TMAB-13042) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Somatostatin Receptor 2 Monoclonal Antibody, Unconjugated (TMAB-13042) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L Secondary Antibody-HRP and DAB staining.

A DRUG SCREENING EXPERT

Application: WB,IHC-P,IHC-Fr,IP,IF

Recommended WB: 1:500-2000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; IP: 1:20-50; IF: 1:50-200

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human SSTR2

Antigen Species: Human

Gene ID: 6752

Uniprot ID: P30874

Research Background

Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biologic effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR2 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in cerebrum and kidney.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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