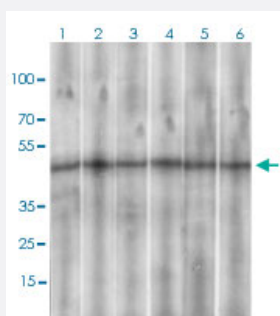


SSTR3 monoclonal antibody, clone 7H8E5

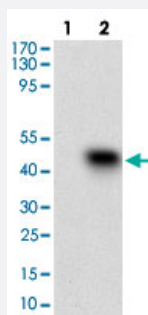
Catalog # MAB12261 Size 100 ug

Applications



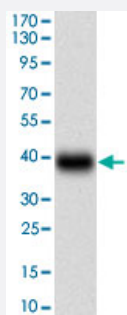
Western Blot (Cell lysate)

Western blot analysis of Lane 1: Hela cell lysate; Lane 2: PANC-1 cell lysate; Lane 3: PC-12 cell lysate; Lane 4: SK-N-SH cell lysate; Lane 5: U937 cell lysate; Lane 6: HepG2 cell lysate with SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:500-1:2000 dilution.



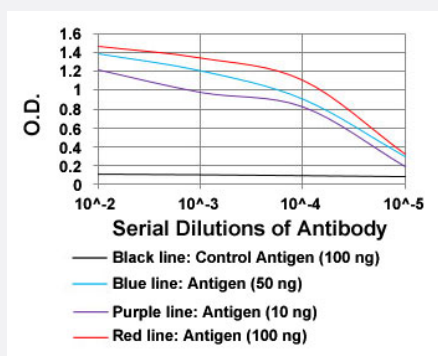
Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control [HEK293 cell lysate]; Lane 2: Over-expression lysate [SSTR3 (AA: 1-43)-hlgGfc transfected HEK293 cells] with SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:500-1:2000 dilution.



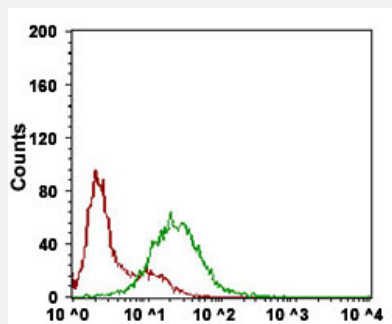
Western Blot (Recombinant protein)

Western blot analysis of human SSTR3 (AA: 1-43) recombinant protein (Expected MW is 30.2 kDa) with SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:500-1:2000 dilution.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:10000 dilution.



Flow Cytometry

Flow cytometric analysis of Hela cells with SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:200-1:400 dilution (Green) and negative control (Red).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human SSTR3.
Immunogen	Recombinant protein corresponding to amino acids 1-43 of human SSTR3.
Host	Mouse
Theoretical MW (kDa)	45.8
Reactivity	Human, Rat
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of Lane 1: Hela cell lysate; Lane 2: PANC-1 cell lysate; Lane 3: PC-12 cell lysate; Lane 4: SK-N-SH cell lysate; Lane 5: U937 cell lysate; Lane 6: HepG2 cell lysate with SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:500-1:2000 dilution.

- Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control [HEK293 cell lysate]; Lane 2: Over-expression lysate [SSTR3 (AA: 1-43)-hlgGfC transfected HEK293 cells] with SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:500-1:2000 dilution.

- Western Blot (Recombinant protein)

Western blot analysis of human SSTR3 (AA: 1-43) recombinant protein (Expected MW is 30.2 kDa) with SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:500-1:2000 dilution.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:10000 dilution.

- Flow Cytometry

Flow cytometric analysis of Hela cells with SSTR3 monoclonal antibody, clone 7H8E5 (Cat# MAB12261) at 1:200-1:400 dilution (Green) and negative control (Red).

Gene Info — SSTR3

Entrez GeneID [6753](#)

Gene Name SSTR3

Gene Alias -

Gene Description somatostatin receptor 3

Omim ID [182453](#)

Gene Ontology [Hyperlink](#)

Gene Summary Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biological effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR3 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in brain and pancreatic islets. SSTR3 is functionally coupled to adenylyl cyclase. [provided by RefSeq]

Other Designations OTTHUMP00000028737

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hyperparathyroidism](#)
- [Lung Neoplasms](#)
- [Mental Disorders](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Pulmonary Disease](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)