

Rabbit Somatostatin Receptor 2/SSTR2 Monoclonal Antibody | anti-2/SSTR2 antibody

Somatostatin Receptor 2/SSTR2 (EP149)

CATALOG # AAA59391	HOST Rabbit	REACTIVITY Human, Mouse, Rat
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PRODUCT SYNONYMS

Somatostatin Receptor 2/SSTR2; Monoclonal Antibody; Somatostatin Receptor 2/SSTR2 (EP149); somatostatin receptor 2; sstr2; anti-somatostatin receptor 2; anti-sstr2;; anti-2/SSTR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	EP149
Form/Format	Paraffin, Frozen Somatostatin Receptor 2 is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH7.5, containing BSA and sodium azide as a preservative.
Immunogen	Synthetic peptide corresponding to residues on the C-terminus of the human SSTR2 protein.
Control	Placenta, Brain, Testis, Prostate, Papillary Thyroid Carcinoma, Transitional Cell Carcinoma
Localization	Cytoplasmic, Membranous
Preparation and Storage	Store at 2-8 degree C (Control Slides: Store at 20-25 degree C)

IMAGES



IHC (Immunohistochemistry)

Somatostatin Receptor 2 Antibody Immunohistochemistry on an FFPE Lung Adenocarcinoma Tissue



Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-2/SSTR2 antibody	Somatostatin Receptor 2 (SSTR2) is one of five subtypes of the somatostatin receptors, which belong to the superfamily of G protein-coupled receptors (GPCRs). Somatostatin receptor 2 is encoded by the SSTR2 gene, located on chromosome 17q25.1. SSTR2. SSTR2 becomes activated by the hormone somatostatin (SST), which is an inhibitor of hormone secretion and gastrointestinal function. SST and its receptor subtypes also prevent angiogenesis and have anti-proliferative effects on healthy and cancerous cells. Somatostatin Receptors have been reported to be highly expressed in a wide variety of human tumors. High somatostatin receptor 2 antibody expression was found via IHC in neuroblastomas, medulloblastomas, paragangliomas, small cell lung cancers, meningiomas, and breast cancers. One study reported a highly specific and increased expression of somatostatin receptor 2 antibody in a large series of neural and neuroendocrine tumors. Another study investigating patients with gastroenteropancreatic neuroendocrine neoplasm (GEP-NEN) demonstrated the correlation between decreased immunohistochemical staining and advanced stage of tumors. Additionally, an improved survival of patients with high SSTR2 expression was found, indicating the usefulness of SSTR2 as a potential prognostic marker for GEP-NEN.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/somatostatin-receptor-2-sstr2-antibody-clone-ep149-elisa/59391>