Nerve Growth Factor Receptor (NGFR) Antibody

Catalog No: #P1020

Package Size: #P1020 0.1m

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

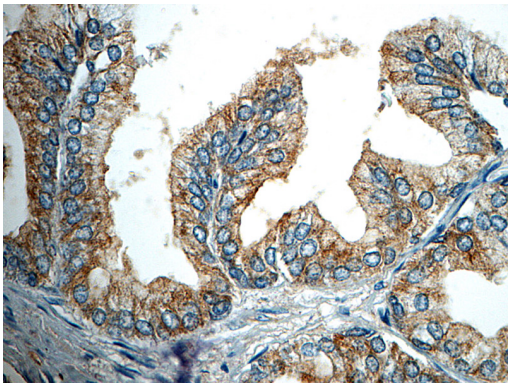
Product Name	Nerve Growth Factor Receptor (NGFR) Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	IHC637
Applications	IHC
Species Reactivity	Human
Formulation	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and
Storage	Store at 2-8C. Do not freeze.

Application Details

Recommended

working dilution range:1:100 - 1:200

Images



Nerve Growth Factor Receptor Antibody (P1020) on Prostate

Product Description

Nerve Growth Factor Receptor (NGFR), also known as p75, P-75NTR or CD271, is a neurotrophin receptor belonging to the tumor necrosis factor receptor family. NGFR is expressed mainly in Schwann cells and neurons, as well as a number of other non-neuronal cell types, and functions during central and peripheral nervous system development to regulate neuronal growth, migration, differentiation, and cell death. Nerve Growth Factor Receptor is also expressed in melanocytes, melanomas, neuroblastomas, pheochromocytomas, neurofibromas, neurotized nevi (type C melanocytes), and other neural crest cell or tumor derivatives. It has been suggested that NGFR may act as a tumor suppressor indicated in prostate and urothelial cancer, and Anti-Nerve Growth Factor Receptor (NGFR) is often used in adjunct with S100, to aid in the diagnosis of desmoplastic and neurotrophic malignant melanomas. Anti-NGFR is also useful as an aid in the diagnosis of breast malignancy, as the antibody labels the myoepithelial cells of breast ducts and intralobular fibroblasts of breast ducts.

References

Radfar A, et al. Am J Dermatopathol. 2006; 28:162-7.

Kaplan DR, et al. Curr Opin Cell Biol. 1997; 9:213-21.

Bunone G, et al. Oncogene. 1997; 14:1463-70.

Kanik AB, et al. J Cutan Pathol. 1996; 23:205-10.

Laskin WB, et al. Hum Pathol. 2000; 31:1230-41.

Lewis Kelso R, et al. Dermatol Surg. 2006; 32:177-83.

Liang Y, et al. J Invest Dermatol. 1998; 111:114-8.

Liang Y, et al. J Cutan Pathol. 1998; 25:189-98.

Liang Y, et al. Arch Dermatol Res. 1999; 291:14-21.