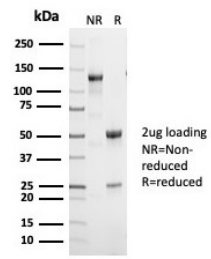
p53 Tumor Suppressor Protein Antibody [clone TP53/7002R] (V5425)

Catalog No.	Formulation	Size
V5425-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5425-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5425SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	TP53/7002R
Purity	Protein A/G affinity
UniProt	P04637
Localization	Cytoplasm, Nucleus
Applications	Flow Cytometry : 1-2ug/million cells Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This p53 Tumor Suppressor Protein antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free p53 antibody (clone TP53/7002R) as confirmation of integrity and purity.

Description

p53 is a tumor suppressor gene expressed in a wide variety of tissue types and is involved in regulating cell growth,

replication, and apoptosis. It binds to MDM2, SV40 T antigen and human papilloma virus E6 protein. Positive nuclear staining with p53 antibody has been reported to be a negative prognostic factor in breast carcinoma, lung carcinoma, colorectal, and urothelial carcinoma. Anti-p53 positivity has also been used to differentiate uterine serous carcinoma from endometrioid carcinoma as well as to detect intratubular germ cell neoplasia. Mutations involving p53 are found in a wide variety of malignant tumors, including breast, ovarian, bladder, colon, lung, and melanoma.

Application Notes

Optimal dilution of the p53 Tumor Suppressor Protein antibody should be determined by the researcher.

Immunogen

Recombinant human full-length TP53 protein was used as the immunogen for the p53 Tumor Suppressor Protein antibody.

Storage

Aliquot the p53 Tumor Suppressor Protein antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.