

Allgemeine Informationen

Katalog-Nr.: 28500-1-AP	GenBank-Zugangsnummer: NM_002944	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul	GeneID (NCBI): 6098	
Wirt: Kaninchen	Vollständiger Name: c-ros oncogene 1 , receptor tyrosine kinase	
Isotyp: IgG	Berechnete Masse: 264 kDa	
Immunogen Katalognummer: AG28943		

Anwendungen

Geprüfte Anwendungen:
ELISA

Getestete Reaktivität:
Human

Hintergrundinformationen

ROS1, an orphan receptor tyrosine kinase of the insulin receptor family, was initially identified as a homolog of v-ros from the UR2 sarcoma virus (PMID: 3023956). Investigators have found that rearrangements of the ROS1 gene occur in many cancers. The first oncogenic fusion of ROS1, FIG-ROS1, was initially identified by research studies in glioblastoma (PMID: 12661006), and subsequent studies have found this fusion in cholangiocarcinoma, ovarian cancer and non-small cell lung cancer (NSCLC) (PMID: 21253578, 22163003, 22661537). Additional oncogenic ROS1 fusion proteins have been found in NSCLC (at a frequency of 1-2%), including FIG, CD74, SLC34A2 and SDC4, and the list is growing. CD74-ROS1 is the most frequently detected ROS1 fusion in this group of patients. With all of the known fusion genes, the ROS1 kinase domain is fully retained and the ROS1 junction point at the messenger RNA (mRNA) level invariably occurs at the 5' end of exons 32, 34, 35 or 36 (PMID: 27535289). The molecular mass of some ROS1 fusion proteins are detected as follows: FIG-ROS1 (110 kDa), SLC34A2-ROS1 (85/70/59 kDa), CD74-ROS1 (80 kDa), and SDC4-ROS1 (75 kDa). (PMID: 22661537, 22659450)

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

