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| Catalog Number: | MO47068 | Host: | Mouse |
| Product Type: | Mouse Monoclonal IgG | Species Reactivity: | Human |
| Immunogen Sequence: | Recombinant Human ROS1 | Format: | Liquid with Buffer: PBS, pH 7.4 with 0.02% Sodium Azide |
| Applications: | Immunohistochemistry: 1:1,000-3,000 ELISA: 1:1,000-2,000 | | |
| Storage: | Dilutions listed as a recommendation. Optimal dilution should be determined by investigator. The product can be stored undiluted for several weeks at 4°C. Dilute only immediately before use. Aliquot and store at -20°C long term. Avoid freeze thaw-cycles. | | |

Application Notes

Description/Data:

ROS1 Antibody is designed to detect for the presence of ROS1 or proto-oncogene encoding a type I integral membrane protein, is a receptor tyrosine kinase which has structural similarity to ALK. The role of ROS1 has not been fully explored, and there is not much information on the function of the protein in normal development. However, in cancer studies ROS1

has been detected in cancers such as non-small cell lung cancer (NSCLC) and glioblastoma; thus became a therapeutic target for research.

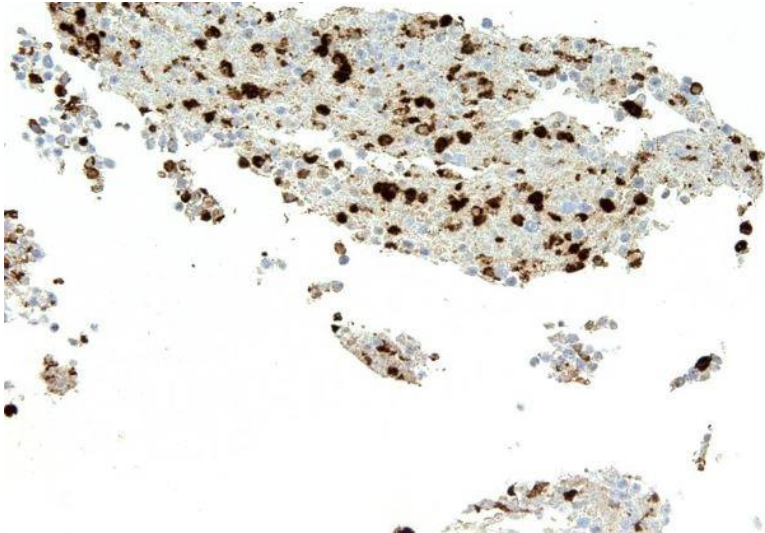


Image: Immunohistochemistry staining of MO47068 on human ROS1 positive ICC pellet.

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