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| Catalog Number: | MO47038 | Host: | Mouse |
| Product Type: | Mouse Monoclonal IgG | Species Reactivity: | Human |
| Immunogen Sequence: | Recombinant Human SOX-2 | Format: | Liquid with PBS buffer, pH 7.4 with 0.02% Sodium Azide |

Applications: Immunohistochemistry: 1:1,000-3,000

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: 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:

SRY (sex determining region Y)-Box 2 or SOX-2, is a transcription factor that regulates the pluripotency of undifferentiated embryonic stem cells, and regulates gene expression in the stomach. It is a valuable tool to study stage I lung adenocarcinomas as it has been indicated to be a predictor of poor prognosis. It may be used to detect squamous cell carcinomas of the lung and gastrointestinal tract, and embryonal carcinoma.

FOR RESEARCH USE ONLY

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