

Survivin Antibody

Datasheet

For Research Use Only

| Description | Catalog No. | Size |
|----------------------|-------------|--------|
| Survivin Concentrate | FP-A093-01 | 0.1 ml |
| Survivin Concentrate | FP-A093-10 | 1 ml |
| Survivin Predilute | FP-A093-70 | 7 ml |

Description

Survivin is an apoptosis inhibitor that is nearly undetectable in terminally differentiated cells, but found in most tumours including renal cell carcinoma, ovarian carcinoma, hepatocellular carcinoma, prostate carcinoma, and breast carcinoma. Survivin expression is linked to tumour progression, but not patient survival.

Specifications

| | |
|--------------|---|
| Clone | IHC668 |
| Source | Mouse Monoclonal |
| Applications | IHC (P) |
| Formulation | Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide |

IHC Procedure*

| | |
|--------------------------|--|
| Positive Control Tissue | Lymphoma |
| Dilution Range | 1:50– 1:200 |
| Pretreatment | Perform heat-induced epitope retrieval (HIER) at pH for 10 to 30 minutes |
| Incubation Time and Temp | 10 to 30 minutes at room temperature |
| Detection | Refer to the corresponding user manual for detection system |

*Result should confirmed by an established diagnostic procedure.

Result

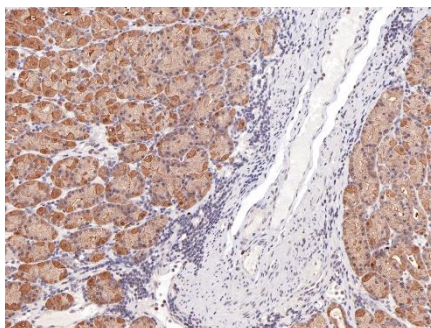


Figure. Survivin on Stomach.



Storage and Handling

Must store the reagent at 2-8 °C. Do not freeze. Do not use the reagent after expiration date on vial. To ensure proper stability and delivery of the antibody after each run, replace the cap and immediately place the bottle in a refrigerator in an upright position. Positive and negative controls should be simultaneously run with unknown specimens, as there are no conclusive characteristics to suggest instability of the antibody.

Precautions

The product is for research use only. Do not use for diagnosis purpose. Ensure proper handling procedures are used with all reagents. Always wear laboratory coats, disposable gloves, and other appropriate laboratory equipment when handling reagents. Do not ingest reagents, and avoid contact with eyes and mucous membranes. Wash eyes with copious amounts of water if contact occurs.

References

1. **Jaiswal PK.** “Survivin: A molecular biomarker in cancer.” *Indian J Med Res.* 2015 Apr;141(4):389-97.
2. **Ambrosini G,** et al. “A novel anti-apoptosis gene, survivin, expressed in cancer and lymphoma.” *Nat Med.* 1997 Aug;3(8):917-21.
3. **Tamm I,** et al. “IAP-family protein survivin inhibits caspase activity and apoptosis induced by Fas (CD95), Bax, caspases, and anticancer drugs.” *Cancer Res.* 1998 Dec 1;58(23):5315-20.

Technical Support

Contact FemtoPath Technical Support at +886232338585 or email to femtopath@hongjing.com.tw for assistance with more questions regarding this product.