CD15/Leu-M1 Antibody

Datasheet

For Research Use Only

Description	Catalog No.	Size
CD15/Leu-M1 Concentrate	FP-A053-01	0.1 ml
CD15/Leu-M1 Concentrate	FP-A053-10	1 ml
CD15/Leu-M1 Predilute	FP-A053-70	7 ml

Description

Cluster of Differentiation 15 (CD15), also known as Leu-M1, is a carbohydrate adhesion molecule. Positive staining for CD15 and negative staining for leukocyte common antigen or other B- or T-cell lineage markers helps recognize Reed Sternberg cells (RSC) in classic Hodgkin's lymphoma, and distinguishes it from Hodgkinlike neoplasms. CD15 does not stain mesotheliomas and is therefore most useful for distinguishing epithelial mesothelioma from adenocarcinoma.

Specifications

Clone	IHC527
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	Hodgkin's 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

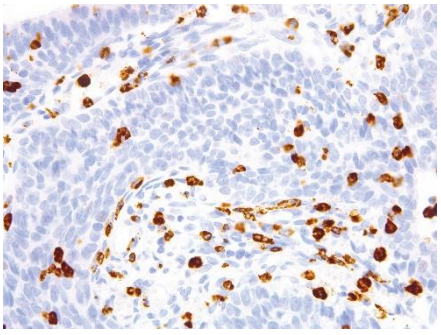

Figure. CD15/Leu-M1 on Cervical Cancer

Website：www.femtopath.com Tel：+886 2 32338585
E-mail： femtopath@hongjing.com.tw Fax：+886 2 32338686
Address：5F., No.172, Sec. 1, Zhongshan Rd., Yonghe Dist., New Taipei City 234, Taiwan (R.O.C)

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. **Kerr M**, et al "The role of CD15-(Le(X))-related carbohydrates in neutrophil adhesion." Histochem J. 1992 Nov;24(11):811-26.

2. **Hsu S**, et al. "Immunologic methods in cytology: definitive diagnosis of non-Hodgkin's lymphomas using immunologic markers for T- and B-cells." Am J Clin Pathol. 1984 Dec;82(6):666-73.

3. **Pellegrini W**, et al. "MMA monoclonal antibody is a superior anti-CD15 reagent for the diagnosis of classical Hodgkin's lymphoma?" Haematologica. 2007 May;92(5):708-9.

Technical Support

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