

CD15 (MMA)

Format	Catalog No.	Pack size	Dilution
Concentrated	G2028 A, B, C	0.1, 0.5, 1.0 mL	1:100
Prediluted	G2028 AA, BB	6.0, 3.0 mL	Ready to use

SPECIES: Mouse

IMMUNOGEN: U937 histiocytic cell line

CLONE: MMA

ISOTYPE: IgM, kappa

FORMAT: Bioreactor Concentrate with 0.05% Azide.

SPECIFICITY - This antibody reacts with a 220 kDa protein, CD15 / FUT4 expressed on Reed-Sternberg

cells.

BACKGROUND -

Phagocytosis, bactericidal action, and chemotaxis are all mediated by CD15. More than 95% of granulocytes, including neutrophils and eosinophils, have it, while monocytes have it to a lower extent. Furthermore, some epithelial cells and Reed-Sternberg cells express CD15.

The CD15 antibody is a very helpful tool for diagnosing Hodgkin's disease. Large cell lymphomas of both B and T phenotypes, which normally have a very different histological appearance, can occasionally express CD15.

SPECIES REACTIVITY: Human. Others not known

POSITIVE CONTROL: U937 cells, Reed-Sternberg's cells in Hodgkin's lymphoma

CELLULAR LOCALIZATION : Cell surface and granular paranuclear

TITER/WORKING DILUTION: Immunohistochemistry (Frozen and Formalin-fixed): 1:50-1:100

Flow Cytometry: 5-10 µl/million cells Immunofluorescence: 1:50-1:100 Western Blotting: 1:100-1:200

MICROBIOLOGICAL STATE: This product is not sterile.

LIMITATIONS AND USES:

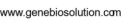
- 1. For research use only (RUO)
- 2. Not to be consumed internally.
- 3. This product is designed for qualitative immunohistochemistry using formalin-fixed, paraffinembedded
- 4. tissue sections from both normal and malignant tissues, which will be examined under a light microscope.
- 5. If the reagent gets hazy, don't use it.
- 6. Never use after the expiration date.
- 7. When working with reagents, exercise caution.
- 8. Not sterile.















PROCEDURE -

- 1. Tissue Section Pretreatment (Necessary): Citrate Plus pretreatment greatly improves the staining of tissue slices that have been paraffin embedded and fixed with formalin.
- 2. Incubation Time for Primary Antibody: We recommend 30 minutes at room temperature for incubation.
 - However, the user should choose the best incubation time based on the staining system used and the fixing circumstances.
- 3. Visualisation: To get the highest staining intensity, we advise combining the "DAB Chromogen/Substrate Bulk Pack (High Contrast)"] with the "HRP Pack".

PRECAUTIONS -

- 1. Contains 0.09% w/v sodium azide as a preservative.
- 2. Avoid pipetting by mouth.
- 3. Reagents and specimens should not come into touch with skin or mucous membranes.
- 4. Prevent reagent contamination by microorganisms, as this could lead to an increase in nonspecific staining.
- 5. There are no dangerous materials in this product.

TECHNICAL SUPPORT

For technical assistance, please contact Genebio Solution's Technical Support at www.genebiosolution.com









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