

## CD15 / FUT4 (Reed-Sternberg Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone BRA-4F1]

| Catalog No     | Format                                     | Size   |
|----------------|--|--------|
| 2526-MSM2-P0   | Purified Ab with BSA and Azide at 200ug/ml | 20 ug  |
| 2526-MSM2-P1   | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 2526-MSM2-P1BX | Purified Ab WITHOUT BSA at 1.0mg/ml        | 100 ug |

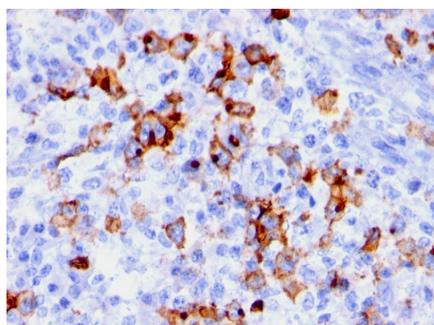
| Applications               | Tested Dillution    | Note  |
|----------------------------|---------------------|---|
| Flow Cytometry (Flow)      | 1-2ug/million cells |   |
| Immunofluorescence (IF)    | 1-3ug/ml            |   |
| Immunohistochemistry (IHC) | 1-2ug/ml            | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

### Product Details

|                               |   |
|-------------------------------|---|
| <b>Clone</b>                  | BRA-4F1   |
| <b>Gene Name</b>              | FUT4  |
| <b>Immunogen</b>              | Myelomonocytic leukemia cells                             |
| <b>Host</b>                   | Mouse   |
| <b>Clonality</b>              | Monoclonal  |
| <b>Isotype / Light Chain</b>  | IgM / Kappa   |
| <b>Mol. Weight of Antigen</b> | ~220kDa (Glycoprotein)                                    |
| <b>Cellular Localization</b>  | Golgi apparatus, Golgi stack membrane                     |
| <b>Species Reactivity</b>     | Human   |
| <b>Positive Control</b>       | Reed-Sternberg's cells in Hodgkin's lymphoma., U937 cells |

\*Optimal dilution for a specific application should be determined.

### Product Images for CD15 / FUT4 (Reed-Sternberg Cell Marker) Antibody



Formalin-fixed, paraffin-embedded human Hodgkin's lymphoma stained with CD15 Mouse Monoclonal Antibody (BRA-4F1).

### Specificity & Comments

CD15 plays a role in mediating phagocytosis, bactericidal activity, and chemotaxis. It is present on s disease. CD15 is occasionally expressed in large cell lymphomas of both B and T phenotypes which otherwise have a quite distinct histological appearance.

### Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Cardiac Stem Cells

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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