



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Mouse Anti Human Her-2 With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01452

Target Species
Human

Isotype
IgG1

Specificity

DS-MB-01452 is specific for HER-2. The HER-2 oncogene is located on the long arm of chromosome 17 at 17q21 and encodes a 185 kDa transmembrane tyrosine kinase receptor belonging to the EGFR family. The HER-2 oncogene is overexpressed in about 30% of human breast and ovary carcinomas, where overexpression correlates with a more aggressive clinical course.

Immunogen: NIH3T3 transfected with full-length HER-2 human c-DNA.

Histology Positive Control Tissue: Breast, stomach, ovarian and bladder carcinoma.

Formulation

Preparation: Prepared by caprylic acid precipitation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Preservatives & Stabilizers: 0.09% Sodium Azide (NaN_3)

Buffer Solution: Phosphate buffered saline

Approx Protein Concentration: 0.5 mg/ml

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.

Shelf Life: 18 months from date of dispatch.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			•	
Immunohistology – Frozen	•			
Immunohistology - Paraffin	•			
Western Blotting	•			
Immunofluorescence	•			
Immunoprecipitation	•			

Note (1) Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

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