



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Human YARS

With HRP-conjugated secondary anti-mouse

Catalog No.

JI-04-00147

Species:

Human

Isotype:

Mouse IgG1

Accession No.

NM_003680

Full name/Synonyms:

tyrosyl-tRNA synthetase (YARS)

Preparation

Immunogen was recombinant protein derived from human YARS. This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with the immunogen. The IgG fraction of tissue culture supernatant was purified by Protein G affinity chromatography.

Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Work dilution or positive sample
ELISA	•			
Western Blotting(WB)	•			HeLa whole cell lysate NIH3T3 whole cell lysate F2408 whole cell lysate
Immunohistochemistry(IHC)			•	
Immunocytochemistry (ICC)	•			HeLa cell
Immunoprecipitation(IP)	•			
Flow Cytometry(FACS)	•			
Immunofluorescence staining(IF)			•	
Neutralization			•	

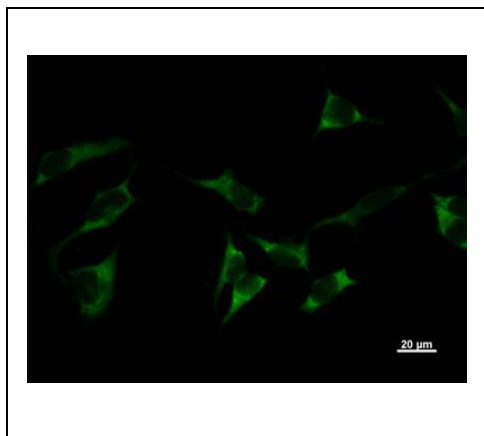
Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

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

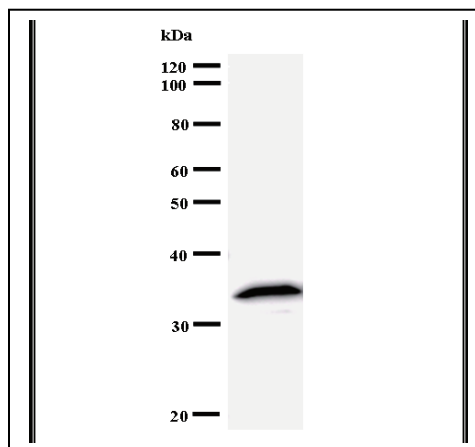


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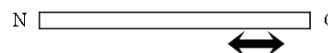
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Immunocytochemistry



Western blot analysis of immunized recombinant protein, using anti-YARS monoclonal antibody.



Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.

Secondary Antibody Applications

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

Reconstitution

Supplied as 100 μg of purified antibody. It is reconstituted with 1ml of sterile PBS containing 1% BSA and 0.05% sodium azide. Its final concentration is 100 μg/ml. **Please avoid freeze-thaw cycles.**

Storage

Store at -20°C, if not intended for use within a month. Keep it at 4°C and minimize freezing and thawing when use. **Please avoid freeze-thaw cycles.**

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