
anti-Spectrin

Cat #: HM1342
Goat polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Spectrin is a predominant component of the membrane skeleton of the red cell as well as many other cells. It is essential in determining the properties of the membrane including its shape and deformability. Spectrin in red cells consists of 2 nonidentical subunits, alpha (MW 240,000) and beta (MW 225,000). Spectrin is tetrameric or possibly higher polymeric form through head-to-head self-association of heterodimers that are linked by actin polymers and protein 4.1 to form a 2-dimensional network. Ankyrin binds the skeleton to the membrane lipid bilayer through its high-affinity association with spectrin beta-chains and the integral protein band 3 of the lipid bilayer. Beta, non-erythrocytic 2 spectrin associates with golgi and cytoplasmic vesicles.

SPECIFICITY

This antibody reacts with alpha and beta spectrin from red blood cells of human, mouse and rat origin.

The antibody can be used in Western blotting, immunoprecipitation and immunohistochemistry.

IMMUNOGEN

Purified human red cell spectrin.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

- Catalog Number HM4000
3. Cell Cycle AntibodyArray™
Catalog Number HM5000

B. Staining AntibodyArray™s

1. Staining AntibodyArray™ I
Catalog Number HM8100
2. AntibodyArray Staining Apparatus
Catalog Number HM8000

C. Antibodies**1. HRP-conjugated antibodies**

- anti-phosphotyrosine
Catalog Number HM2040
- anti-phosphoserine
Catalog Number HM2070
- anti-phosphothreonine
Catalog Number HM2090

and more...

2. Primary antibodies

Hypromatrix offers a variety of high quality antibodies. For a complete list of antibodies and their specificities, please visit our web site at www.hypromatrix.com.

CONTACT

Hypromatrix, Inc.
100 Barber Avenue
Worcester, MA 01606
USA

Tel: 508-856-7900
Fax: 508-302-0748
Email: contact@hypromatrix.com
Web: www.hypromatrix.com

PRODUCT FROM HYPROMATRIX, INC.**A. AntibodyArray™s:**

1. Signal Transduction AntibodyArray™
Catalog Number HM3000
2. Apoptosis AntibodyArray™