

## Spectrin antibody [SB-SP1]

<b>Catalog No.:</b>	15-288-21588F
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	ascites
<b>Background:</b>	<p>Spectrin is a major constituent of the erythrocyte skeleton accounting for 25% of the total membrane protein and 75% of the cytoskeletal mass. It is associated with the cytoplasmic surface of the membrane by attachment to ankyrin, a peripheral membrane protein. The membrane skeleton influences several cellular properties such as cell shape, restriction of mobility of the integral membrane protein exposed at the cell surface and transmembrane movement of phospholipids and cholesterol. On SDS PAGE gels erythrocyte spectrin appears as two bands referred to as alpha (240kD) and beta (220kD). While the simplest form of spectrin in solution is an alpha-beta heterodimer, spectrin can undergo self-association in various conditions to form a tetramer of alpha<sub>2</sub>-beta<sub>2</sub>. In recent years a large number of spectrin-like molecules have been found in non-erythroid cells. These proteins are known by such different names as fodrin, CBP I, calspectin and TW 260/240.</p>
<b>Host / Isotype:</b>	Chicken
<b>Immunogen:</b>	Full length native Human erythroid spectrin was used as the immunogen (purified).
<b>Format:</b>	<b>State:</b> Liquid <b>Purification:</b> Ascites <b>Buffer System:</b> Preservative: 0.1% Sodium Azide; Constituents: Raw Ascites
<b>Applications:</b>	IF, WB Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Human - Not yet tested in other species
<b>Storage:</b>	Keep as concentrated solution. Aliquot and store at -20

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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