

BP549**Polyclonal Antibody to Hyaluronic Acid - Aff - Purified -**

Quantity:	1 ml
Concentration:	5.0 mg/ml
Background:	<p>Hyaluronic Acid (HA) is a high molecular weight polysaccharide found in the extracellular matrix. It is also a component of synovial fluid where it acts as a lubricant. HA can be up to 25,000 disaccharide repeats in length.</p> <p>Hyaluronic acid is a mucopolysaccharide which is an integral part of the gel-like substance of animal connective tissue that serves as a lubricating and protective agent.</p>
Host:	Sheep
Immunogen:	Hyaluronic acid from Human umbilical cord
Format:	<p>State: Liquid purified IgG fraction</p> <p>Purification: Affinity Chromatography on Protein G</p> <p>Buffer System: PBS, pH 7.2 containing 0.09% Sodium Azide as preservative</p>
Applications:	<p>ELISA: For Direct ELISA, coat wells with 1% Glutaraldehyde for 5 minutes at room temperature, followed by 3x PBS wash steps prior to coating with Hyaluronic Acid. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>BP549 is recognizes Hyaluronic Acid.</p> <p>Cross reactivity to chondroitin sulfate has been observed (customer feedback, in Dot Blot)</p>
Species Reactivity:	<p>Tested: Human.</p> <p>Expected from sequence similarity: Broad.</p>
Storage:	<p>Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: One year from despatch.</p>