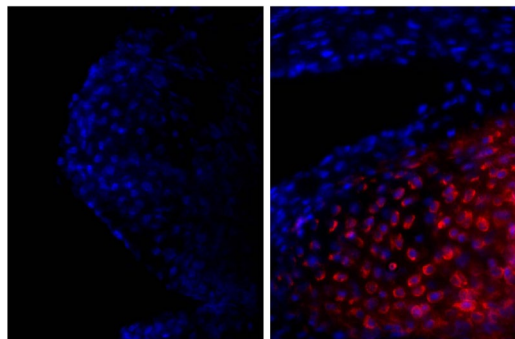




## Donkey Anti-Goat IgG(H+L), Mouse/Rat SP ads

Cat. No.	Format	Size
6420-01	Purified (UNLB)	1.0 mg
6420-02	Fluorescein (FITC)	1.0 mg
6420-04	Alkaline Phosphatase (AP)	1.0 mL
6420-05	Horseradish Peroxidase (HRP)	1.0 mL
6420-08	Biotin (BIOT)	1.0 mg
6420-09	R-phycoerythrin (PE)	0.5 mg
6420-15	Cyanine 5 (CY5)	1.0 mg
6420-30	Alexa Fluor® 488 (AF488)	1.0 mg
6420-31	Alexa Fluor® 647 (AF647)	1.0 mg
6420-32	Alexa Fluor® 555 (AF555)	1.0 mg



Frozen newborn mouse cartilage section was stained with Goat Anti-Type II Collagen-UNLB (SB Cat. No. 1320-01; right) followed by Donkey Anti-Goat IgG(H+L), Mouse/Rat SP ads-AF555 (SB Cat. No. 6420-32) and DAPI.

### Description

<b>Specificity</b>	Reacts with the heavy and light chains of goat IgG
<b>Source</b>	Pooled antisera from donkeys hyperimmunized with goat IgG
<b>Cross Adsorption</b>	Mouse and rat serum proteins (SP); may react with immunoglobulins from other species and the light chains of other goat immunoglobulins
<b>Purification</b>	Affinity chromatography on goat IgG covalently linked to agarose

### Applications

Quality tested applications include –

ELISA<sup>1</sup>  
FLISA

Other referenced applications include –

FC<sup>2,3</sup>  
IHC-FS<sup>4</sup>  
IHC-PS<sup>11</sup>  
WB<sup>5-9</sup>  
Multiplex<sup>10</sup>

### Working Dilutions

<b>ELISA</b>	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000

<b>FLISA</b>	FITC, AF488, and AF555 conjugates	1:100 – 1:400
	PE, CY5, and AF647 conjugates	≤ 1 µg/mL

**Other Applications** Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.

**For Research Use Only. Not for Diagnostic or Therapeutic Use.**

## Handling and Storage

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- The purified (UNLB) antibody is supplied as 1.0 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) and CY5 conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl<sub>2</sub>/50% glycerol, pH 8.0, containing NaN<sub>3</sub> as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN<sub>3</sub> and a stabilizing agent. Store at 2-8°C. **Do not freeze!**
- The Alexa Fluor® 488 (AF488), Alexa Fluor® 555 (AF555), and Alexa Fluor® 647 (AF647) conjugates are supplied as 1.0 mg in 1.0 mL of PBS/NaN<sub>3</sub>. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

## Warning

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Some reagents contain sodium azide. Please refer to product specific SDS.

## References

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11. SouthernBiotech published data (IHC-PS)

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