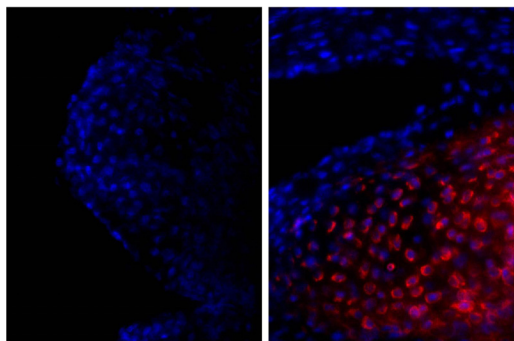


Donkey Anti-Goat IgG(H+L), Mouse/Rat SP ads

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
6420-30	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

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

Applications

Quality tested applications include –

ELISA¹

FLISA

Other referenced applications include –

FC^{2,3}

IHC-FS⁴

IHC-PS¹¹

WB⁵⁻⁹

Multiplex¹⁰

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000

FLISA	FITC, AF488, and AF555 conjugates	1:200 – 1:400
	PE 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.

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Handling and Storage

- 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) conjugate is supplied as 1.0 mg in 1.0 mL of PBS/NaN₃. 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 MgCl₂/50% glycerol, pH 8.0, containing NaN₃ 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/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL of PBS/NaN₃ 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/NaN₃. 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

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

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11. SouthernBiotech published data (IHC-PS)

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