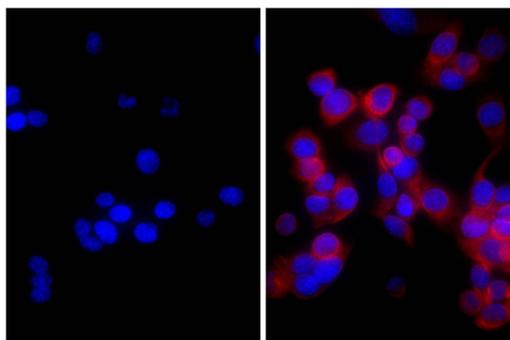




## Goat Anti-Mouse Kappa

Cat. No.	Format	Size
1050-01	Purified (UNLB)	1.0 mg
1050-02	Fluorescein (FITC)	1.0 mg
1050-03	Rhodamine (TRITC)	1.0 mg
1050-04	Alkaline Phosphatase (AP)	1.0 mL
1050-05	Horseradish Peroxidase (HRP)	1.0 mL
1050-07	Texas Red <sup>®</sup> (TXRD)	1.0 mg
1050-08	Biotin (BIOT)	1.0 mg
1050-09	R-phycoerythrin (PE)	0.5 mg
1050-31	Alexa Fluor <sup>®</sup> 647 (AF647)	1.0 mg
1050-32	Alexa Fluor <sup>®</sup> 555 (AF555)	1.0 mg



Human pancreatic carcinoma cell line MIA PaCa-2 was stained with Mouse Anti-Cytokeratin 18-UNLB (SB Cat. No. 10085-01; right) followed by Goat Anti-Mouse Kappa-TRITC (SB Cat. No. 1050-03) and DAPI.

### Description

<b>Specificity</b>	Reacts with mouse $\kappa$ light chains
<b>Source</b>	Pooled antisera from goats hyperimmunized with mouse $\kappa$ light chains
<b>Cross Adsorption</b>	Mouse $\lambda$ light chains; may react with $\kappa$ light chains from other species
<b>Purification</b>	Affinity chromatography on mouse $\kappa$ light chains covalently linked to agarose

### Applications

Quality tested applications include –

ELISA<sup>1-11</sup>  
 FLISA  
 FC<sup>3,8,12,15,16,26</sup>

Other referenced applications include –

ELISPOT<sup>2,7,12-14</sup>  
 IHC-FS<sup>17</sup>  
 IHC-PS<sup>18,19</sup>  
 ICC<sup>5,20-22</sup>  
 WB<sup>1,4,6,8,9,15,26</sup>  
 IP<sup>23,24</sup>  
 Stim<sup>25,26</sup>  
 SPR<sup>27</sup>

### Working Dilutions

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

<b>FLISA</b>	FITC, TRITC, TXRD, and AF555 conjugates	1:100 – 1:400
	PE and AF647 conjugates	$\leq 1 \mu\text{g/mL}$

<b>Flow Cytometry</b>	FITC and BIOT conjugates	$\leq 1 \mu\text{g}/10^6$ cells
	PE and AF647 conjugates	$\leq 0.1 \mu\text{g}/10^6$ cells
	For flow cytometry, the suggested use of these reagents is in a final volume of 100 $\mu\text{L}$	

**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

- 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), rhodamine (TRITC), and Texas Red® (TXRD) 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® 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

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

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