

## Mouse TRAIL/TNFSF10 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0562	<b>Applications</b>	ELISA
<b>Synonyms</b>	APO2L;Apo2-L;TL2;CD253		

### Kit components & Storage

Title	Specifications	Storage
Mouse TRAIL/TNFSF10 Capture Antibody	1 vial, 100 µg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Mouse TRAIL/TNFSF10 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C for one year. Avoid freeze/thaw cycles.

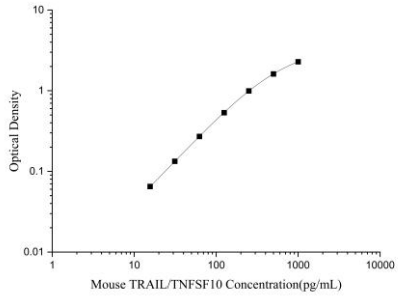
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information

Items		Characteristic (E-KAB-0562)	
		Mouse TRAIL/TNFSF10 Capture Antibody	Mouse TRAIL/TNFSF10 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse TRAIL/TNFSF10 protien	Recombinant Mouse TRAIL/TNFSF10 protien
	Swissprot	P50592	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5 mg/mL	/
	Buffer	PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5	PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5
	Purify	Protein A or G	Antigen Affinity
Specificity	Detects Mouse TRAIL/TNFSF10 in ELISAs.		

### Applications

Mouse TRAIL/TNFSF10 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Mouse TRAIL/TNFSF10 Capture Antibody	 <table border="1"> <caption>Standard Curve Data (Approximate)</caption> <thead> <tr> <th>Mouse TRAIL/TNFSF10 Concentration (pg/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>0.05</td> </tr> <tr> <td>20</td> <td>0.1</td> </tr> <tr> <td>50</td> <td>0.2</td> </tr> <tr> <td>100</td> <td>0.4</td> </tr> <tr> <td>200</td> <td>0.7</td> </tr> <tr> <td>500</td> <td>1.2</td> </tr> <tr> <td>1000</td> <td>1.8</td> </tr> </tbody> </table>	Mouse TRAIL/TNFSF10 Concentration (pg/mL)	Optical Density	10	0.05	20	0.1	50	0.2	100	0.4	200	0.7	500	1.2	1000	1.8
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ELISA Detection	1:1000-1:10000	Mouse TRAIL/TNFSF10 Detection Antibody (Biotin)																	

**Note:** This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

### Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contains an extracellular TRAIL-binding domain and a transmembrane domain, but no cytoplasmic death domain. This receptor is not capable of inducing apoptosis, and is thought to function as an antagonistic receptor that protects cells from TRAIL-induced apoptosis. This gene was found to be a p53-regulated DNA damage-inducible gene. The expression of this gene was detected in many normal tissues but not in most cancer cell lines, which may explain the specific sensitivity of cancer cells to the apoptosis-inducing activity of TRAIL.