

## Human GROβ/CXCL2 Antibody Pair Set

<b>Catalog No.</b>	E-KAB-0524	<b>Applications</b>	ELISA
<b>Synonyms</b>	CXCL2;MIP-2a;GRO2;SCYB2;GROβ;MGSA-B;CINC2a		

### Kit components & Storage

Title	Specifications	Storage
Human GROβ/CXCL2 Capture Antibody	1 vial, 100 μg	Store at -20°C for one year. Avoid freeze/thaw cycles.
Human GROβ/CXCL2 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20°C for one year. Avoid freeze/thaw cycles.

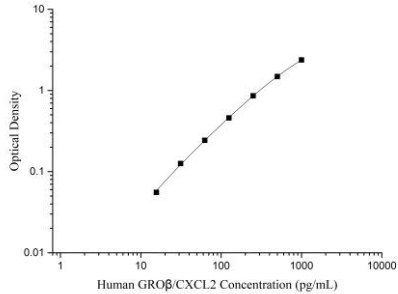
**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Product Information

Items		Characteristic (E-KAB-0524)	
		Human GROβ/CXCL2 Capture Antibody	Human GROβ/CXCL2 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human GROβ/CXCL2 protien	Recombinant Human GROβ/CXCL2 protien
	Swissprot	P19875	
Product details	Reactivity	Human	Human
	Host	Rabbit	Rabbit
	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	Antigen Affinity	Antigen Affinity
	Specificity	Detects Human GROβ/CXCL2 in ELISAs.	

## Applications

### Human GROβ/CXCL2 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4 µg/mL	Human GROβ/CXCL2 Capture Antibody	 <table border="1"> <caption>Standard Curve Data (Approximate)</caption> <thead> <tr> <th>Human GROβ/CXCL2 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>0.8</td> </tr> <tr> <td>500</td> <td>1.5</td> </tr> <tr> <td>1000</td> <td>3.0</td> </tr> </tbody> </table>	Human GROβ/CXCL2 Concentration (pg/mL)	Optical Density	10	0.05	20	0.1	50	0.2	100	0.4	200	0.8	500	1.5	1000	3.0
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ELISA Detection	1:1000-1:10000	Human GROβ/CXCL2 Detection Antibody (Biotin)																	

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

## Background

Produced by activated monocytes and neutrophils and expressed at sites of inflammation. Hematopoietic chemokine, which, in vitro, suppresses hematopoietic progenitor cell proliferation. GRO-beta (5-73) shows a highly enhanced hematopoietic activity.