



# Rat Anti-Mouse GPVI Monoclonal Antibody, clone KBR2 (CABT-Z401R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	The monoclonal antibody reacts with the platelet collagen receptor GPVI. On the one hand, it inhibits collagen-induced aggregation of mouse platelets, whereas cross-linking of KBR2 by a secondary antibody induces platelet activation and aggregation.
<b>Immunogen</b>	Mouse GPVI
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	KBR2
<b>Purification</b>	Protein G purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IP, IHC-F, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	20 mM Tris buffered saline containing 0.25% BSA and 0.09% (w/v) sodium azide.
<b>Preservative</b>	0.09% sodium azide
<b>Storage</b>	Stable for six months from date of shipment when stored at 4°C. Aliquots can be stored at -

20°C for at least one year. Avoid repeated freezing and thawing.

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Ship	Wet ice
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## BACKGROUND

Introduction	Glycoprotein VI (GPVI) is a membrane glycoprotein receptor for collagen found in platelets. GPVI plays an important role in platelet procoagulant activity which may contribute to arterial and venous thrombus formation. GPVI is expressed in megakaryocytes and platelets. Patients deficient in GPVI suffer from mild hemorrhagic diathesis and their platelets fail to aggregate in response to collagen.
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Keywords	GP6;glycoprotein VI (platelet);platelet glycoprotein VI;GPVI;glycoprotein 6;platelet collagen receptor
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## GENE INFORMATION

Gene Name	Gp6
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Entrez Gene ID	<a href="#">243816</a>
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UniProt ID	<a href="#">P0C191</a>
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