



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

Specificity	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.
Immunogen	Mouse GPVI
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	KBR2
Purification	Protein G purified
Conjugate	Unconjugated
Applications	IP, IHC-F, IF, WB
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	20 mM Tris buffered saline containing 0.25% BSA and 0.09% (w/v) sodium azide.
Preservative	0.09% sodium azide
Storage	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.

Ship Wet ice

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.
Keywords	GP6;glycoprotein VI (platelet);platelet glycoprotein VI;GPVI;glycoprotein 6;platelet collagen receptor

GENE INFORMATION

Gene Name	Gp6
Entrez Gene ID	243816
UniProt ID	P0C191
