

## Product datasheet for **TA320341**

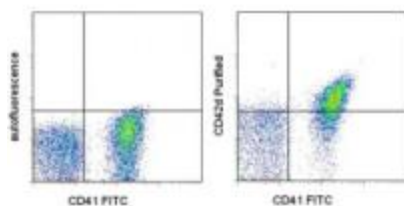
### Gp5 Hamster Monoclonal Antibody [Clone ID: 1C2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	1C2
Applications:	FC
Recommended Dilution:	Flow, IHC, IP
Reactivity:	Mouse, Rat
Host:	Hamster
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	glycoprotein 5 (platelet)
Database Link:	<a href="#">NP_032174</a> <a href="#">Entrez Gene 25259 Rat</a> <a href="#">Entrez Gene 14729 Mouse</a>
Background:	The monoclonal antibody 1C2 recognizes mouse and rat CD42d, a single transmembrane protein also known as platelet glycoprotein V (GPV). CD42d interacts with CD42a, CD42b and CD42c to form the receptor for von willebrand factor and thrombin. This functional complex plays a role in platelet adhesion. Expression of CD42d (unlike other markers such as CD41) is restricted to resting platelets and megakaryocytes and therefore is a good marker for development of megakaryocytes.
Synonyms:	CD42d; GPV; OTTHUMP00000197119



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**Product images:**

Staining of mouse platelets with Anti-Mouse CD41 FITC and 0.125 ug of Armenian Hamster IgG Isotype Control Purified (left) or 0.125 ug of Anti-Mouse/Rat CD42d Purified (right) followed by Anti-Armenian Hamster IgG PE. Total events were used for analysis.