

DESCRIPTION

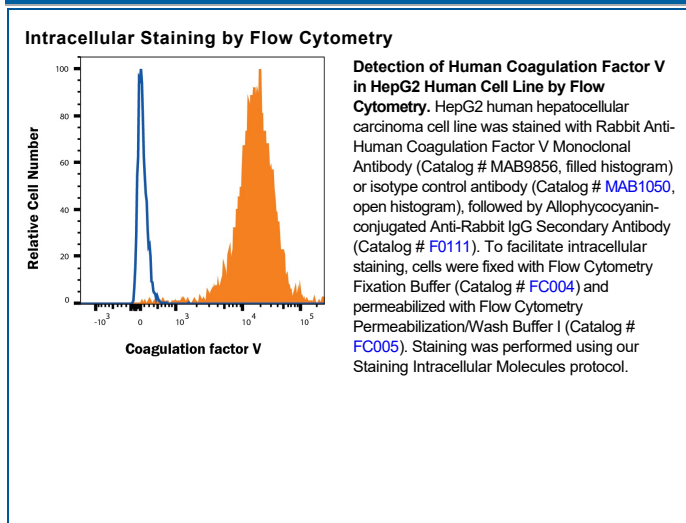
Species Reactivity	Human
Specificity	Detects human Coagulation Factor V in direct ELISAs.
Source	Recombinant Monoclonal Rabbit IgG Clone # 2280A
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Synthetic peptide containing human Coagulation Factor V aa1650-1700 Accession # P12259
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	0.25 µg/10 ⁶ cells	HepG2 human hepatocellular carcinoma cell line
CytoTOF-ready	Ready to be labeled using established conjugation methods. No BSA or other carrier proteins that could interfere with conjugation.	
ELISA	This antibody functions as an ELISA detection antibody when paired with Rabbit Anti-Human Coagulation Factor V (Light Chain) Monoclonal Antibody (Catalog # MAB98561). <i>This product is intended for assay development on various assay platforms requiring antibody pairs.</i>	

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Factor V (Coagulation Factor Five) is a 330kDa protein of the coagulation system encoded by the F5 gene. Unlike most other coagulation factors, Factor V is not enzymatically active but functions as a cofactor. Factor V is a central regulator of hemostasis. It serves as a critical cofactor for the pro-thrombinase activity of factor Xa that results in the activation of pro-thrombin to thrombin.