



# Mouse Anti-Human factor XIII-A (Catalytic Domain) monoclonal antibody, clone YUH13 (CABT-L6025)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Monoclonal antibody to human factor XIII-A ( Catalytic Domain)
<b>Specificity</b>	hFXIII-domainspecificity: catalytic
<b>Immunogen</b>	Human blood coagulation factor XIII-A2 (full length protein with N-terminal hexahistidin-tag) recombinantly produced in insect cells
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	YUH13
<b>Purification</b>	The IgG fraction was purified by ion exchange chromatography.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Liquid, Purified
<b>Concentration</b>	Lot specific
<b>Size</b>	200 µg

<b>Buffer</b>	75 mM NaCl, 5 mM Tris, pH7.5, 0.025% sodium azide, 50% glycerol.
<b>Preservative</b>	0.025% sodium azide
<b>Storage</b>	Store at -80°C.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Factor XIIIa (FXIIIa), also known as activated Factor XIII, is a blood coagulation factor that stabilizes fibrin and is present in monocytes, macrophages, platelets, megakaryocytes, dermal dendritic cells, and fibroblast-like mesenchymal or histiocytic cells in the placenta.
<b>Keywords</b>	F13A1; coagulation factor XIII, A1 polypeptide; F13A; coagulation factor XIII A chain; TGase; factor XIIIa; fibrinolygase; FSF, A subunit; coagulation factor XIIIa; transglutaminase A chain