



Mouse Anti-Human Blood Group Wrb monoclonal antibody, clone CSJD25 (CABT-L2413M)

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

PRODUCT INFORMATION

Specificity	This clone was made in response to erythrocytes. It is unreactive by immunoblotting. Incubation of erythrocytes with this clone causes a dramatic reduction in erythrocyte deformability and inhibits invasion by malarial parasites.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	CSJD25
Purification	Purified, liquid
Conjugate	Unconjugated
Applications	IA
Format	Liquid
Concentration	Lot specific
Storage	Store -20°C for long term.
Ship	Wet ice

BACKGROUND

Introduction Wrb is a composite blood group antigen resulting from the association between Glycophorin A and Band 3. Wrb directly agglutinates erythrocytes, giving reduced deformability and inhibition of malarial parasite invasion (eg *P. falciparum*, *P. knowlesi*). The antigen is thought to be related to Glycophorin A/Band 3 interaction in the lipid bilayer.

Keywords WRB;tryptophan rich basic protein;CHD5;tail-anchored protein insertion receptor
WRB;tryptophan-rich protein;tryptophan-rich basic protein;congenital heart disease 5 protein;