

Band III

CONTACT INFORMATION:	University of Oxford marketed by Ximbio.com
TYPE:	mouse anti human
CLONE NAME:	Q1/156
PROTEIN:	Band III
PROTEIN WEB:	https://www.omim.org/entry/109270
ANTIGEN USED:	Foetal liver cells
FUSION PARTNER:	P3/NS1/1-Ag4.1
ISOTYPE:	IgG1
SPECIES REACTIVITY:	Human
PREPARATION AND STORAGE:	Aliquot and store at 4C. Do not freeze
COMMERCIALIZED BY:	Ximbio.com
APP RECOMMENDED:	IHC IF IP WB

DESCRIPTION

Band III is a protein associated with the surface membrane of red blood cells and their precursors. It is the major glycoprotein of the erythrocyte membrane and mediates exchange of chloride and bicarbonate across the phospholipid bilayer and plays a central role in respiration of carbon dioxide. Band III is also a potential binding site for haemoglobin.

REFERENCES

Majdic O, Sugita K, Stockinger H, Skrobal A, Knapp W (1987) Comparative evaluation of CD10 antibodies. In McMichael AJ, et al (eds) Leucocyte Typing III, Oxford University Press, Oxford, New York and Tokyo, p 488-9.