

Product datasheet for **TA424426**

MYO19 Rabbit Monoclonal Antibody [Clone ID: OTIRA2245]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTIRA2245
Applications:	ICC/IF, WB
Recommended Dilution:	WB 1:500~1:2000 ICC/IF 1:50~1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthesized peptide derived from human MYO19
Specificity:	MYO19 Antibody detects endogenous levels of total MYO19
Formulation:	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity-chromatography
Conjugation:	Unconjugated
Storage:	Store at +4°C short term. Store at -22°C long term. Avoid freeze / thaw cycle.
Predicted Protein Size:	100kDa
Gene Name:	myosin XIX
Database Link:	Entrez Gene 80179 Human Q96H55

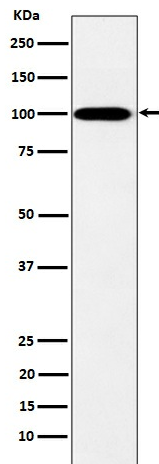


Background:

Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to membranous compartments, which would be moved relative to actin filaments. MYO19 is involved in mitochondrial motility.

Synonyms:

myo19; Myohd1; myosin XIX

Product images:

Western blot analysis of MYO19 expression in K562 cell lysate.