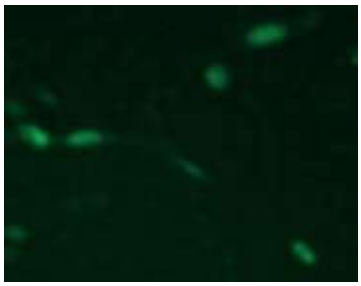
4C5 ANTI-DDK MONOCLONAL ANTIBODY LABELED WITH DYLIGHT 488

Catalog Number	TA150021
Product Description	Anti-DDK (clone 4C5) antibody, produced in mouse, DyLight 488 conjugated
Immunogen	Anti-DDK monoclonal antibody is produced by immunizing mice with a synthetic peptide (DYKDDDDK) coupled to KLH.
Specificity	The anti-DDK tag antibody recognizes over-xpressed recombinant proteins containing the DDK epitope tag (DYKDDDDK) fused to either the amino- or carboxy-termini of targeted proteins in transfected mammalian cells or other expression systems.
Amount	100 µl
Concentration	0.5 mg/ml
Formulation	TBS (pH7.4) containing 0.1% BSA and 0.05% NaN3.
Storage/Stability	Store at 2-8ºC, stable for at least three months from date of shipment. Do not freeze.
Application	The DyLight-488-labeled 4C5 anti-DDK antibody can be used for flow cytometry and immuno-fluorescent microscopy. Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilution 1:50.
Safety	This product contains sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides.Upon disposal of material, flush with a large volume of water to prevent azide accumulation.

Note

1. This product is for laboratory research use only and is not intended for diagnostic use.
2. DyLight™ Fluorescent Dyes is a trademark of Thermo Fisher Scientific

A typical immunofluorescent microscopy result:



CHO cells were tranfected with BAF57-Myc/DDK plasmid (Cat# RC209444). The cells were fixed with 2% formaldehyde for 20 min, and permeabilized with 0.1% saponin in PBS for 10 min. The cells were then incubated with DyLight-488-labeled 4C5 antibodies diluted 1:50 in PBS/0.1% saponin for 20 min. The cells were then washed and observed under a fluorescent microscope. Please note the nucleus staining pattern for BAF57.

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