



Catalog Number:	MO22184	Host:	Mouse
Product Type:	Mouse Monoclonal (IgM)	Species Reactivity:	N/A
Immunogen Sequence:	Recombinant <i>Aequoria coeruleescens</i> GFP purified from <i>E. coli</i>	Format:	Purified liquid antibody in 50% PBS, 50% glycerol plus 5mM of Sodium Azide. Concentration: 1mg/ml.
Applications:	IF/ICC: 1:1,000-5,000 Immunohistochemistry: 1:1,000-5,000 Western Blot: 1:1,000-5,000		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

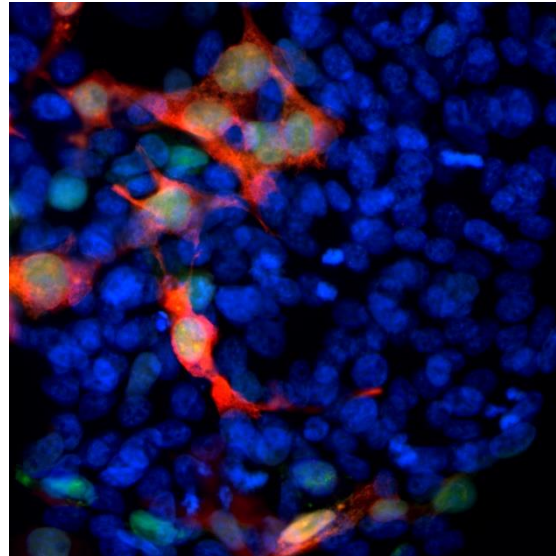
Storage: Antibody can also be aliquotted and stored frozen at -20° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Application Notes

Description/Data:

GFP (green fluorescent protein) is 27kDa protein; which was original isolated from the jellyfish (*Aequoria victoria*). This antibody was made against a recombinant GFP, from the *Aequoria* species, referred to as AcGFP. This antibody can be used to verify the expression, size and stability of both AcGFP and eGFP fusion proteins in western blotting experiments and to amplify GFP signals in tissues of transgenic animals.

Image: Immunofluorescent analysis of transfected HEK293 cells with a GFP-construct in green stained with mouse antibody to GFP, MO22184, dilution 1:1,000 in red. The blue is Hoechst staining of nuclear DNA. The MO22184 antibody reveals GFP protein expressed only in transfected cells, as a result transfected cells are appeared express both red and green signals and so appear an orange-golden color. Untransfected cells show neither signal.



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