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## Product Datasheet

### **Anti-ACT | Actin (recombinant monoclonal, clone 14H4G8), IgG1, Monoclonal AGR-AS21-4615**

Article Name	Anti-ACT   Actin (recombinant monoclonal, clone 14H4G8), IgG1, Monoclonal
Biozol Catalog Number	AGR-AS21-4615
Supplier Catalog Number	AS21-4615
Alternative Catalog Number	AGR-AS21-4615
Manufacturer	Agrisera
Host	Mouse
Category	Antikörper
Application	IF, WB
Species Reactivity	A. thaliana, Plant
Immunogen	ca. 100 amino acids of recombinant actin conserved more than 80 % in Arabidopsis thaliana: actin-1 P0CJ46 AT2G37620, actin-2 Q96292 AT3G18780, actin-3 P0CJ47AT3G53750, actin-4 P53494 AT5G59370, actin-5 Q8RYC2 At2g42100, actin-7 P53492 At5g09810, actin-8
Product Description	Actin is a highly conserved protein and an essential component of cell cytoskeleton and plays an important role in cytoplasmic streaming, cell shape determination, cell division, organelle movement and extension growth. Preferentially expressed in yo...
Clonality	Monoclonal
Molecular Weight	41,6   45 kDa
Isotype	IgG1

NCBI	<a href="#">818339</a>
UniProt	<a href="#">P0CJ46</a>
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Form	Lyophilized
Antibody Type	Recombinant Antibody
Application Dilute	1: 500 (IF), 1 : 1000 1: 5000 (WB)
Application Notes	This antibody is compatible with a secondary antibody for fluorescence detection: goat anti-mouse secondary antibody (IRDye 800CW, Li-cor)