

р16-Агс

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Cat.No. 305 011; Monoclonal mouse antibody, 100 µg purified IgG (lyophilized)

Data Sheet

| Reconstitution/ Storage100 μg purified IgG, lyophilized. Azide was added before lyophilization. For reconstitution add 100 μl H₂O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.ApplicationsWB: 1: 100 up to 1: 2000 (AP staining) IP: not tested yet ICC: yes IHC: not tested yetIHC: not tested yetClone323H3SubtypeIgG2a (κ light chain)ImmunogenRecombinant protein corresponding to AA 1 to 151 from human p16-Arc (UniProt Id: O15511)EpitopEpitop: AA 19 to 24 from human p16-Arc (UniProt Id: O15511)ReactivityReacts with: human (O15511), rat (Q4KLF8), mouse (Q9CPW4), hamster. Other species not tested yet. | | |
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| IP: not tested yet ICC: yes IHC: not tested yet IHC-P/FFPE: not tested yet IHC-P/FFPE: not tested yet Clone 323H3 Subtype IgG2a (κ light chain) Immunogen Recombinant protein corresponding to AA 1 to 151 from human p16-Arc (UniProt Id: O15511) Epitop Epitop: AA 19 to 24 from human p16-Arc (UniProt Id: O15511) Reactivity Reacts with: human (O15511), rat (Q4KLF8), mouse (Q9CPW4), hamster. | • | reconstitution add 100 μ l H_2O to get a 1mg/ml solution in PBS. Then aliquot and |
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| | Epitop | Epitop: AA 19 to 24 from human p16-Arc (UniProt Id: O15511) |
| | Reactivity | |
| Specificity Specific for p16-Arc. | Specificity | Specific for p16-Arc. |

TO BE USED IN VITRO / FOR RESEARCH ONLY NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

Actin polymerization is a necessary event for cell motility. Spontanous actin oligomerization is slow at given monomeric actin concentrations in cells. The **Arp 2/3 complex** which is about 220 kDa in size has turned out to initiate the polymerization of new actin filaments. This complex consists of two actin like proteins Arp2 and Arp3 and five additional proteins: **p16-Arc** (ArpC5), p20-Arc (ArpC4), **p21-Arc** (ArpC3), **p34-Arc** (ArpC2) and p41-Arc (ArpC1). Expression of partial complexes revealed that a heterodimer of p20-Arc and p34-Arc constitutes the core of the complex whereas the remaining subunits are peripherally located.

Selected References SYSY Antibodies

Ezrin promotes actin assembly at the phagosome membrane and regulates phago-lysosomal fusion. Marion S, Hoffmann E, Holzer D, Le Clainche C, Martin M, Sachse M, Ganeva I, Mangeat P, Griffiths G

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