

## Anti-PBP2a [Mouse Monoclonal]

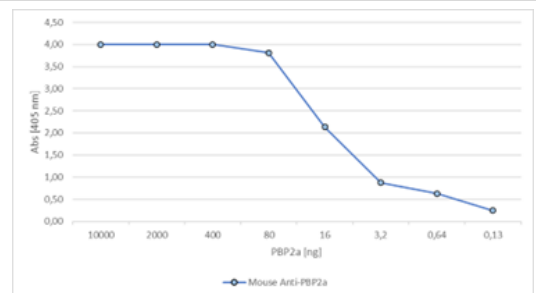
Cat.No: 21.0001

[www.dauids-bio.com](http://www.dauids-bio.com) (Custom Antibodies)

[www.dauids-science.de](http://www.dauids-science.de) (Lab Material)

### - 1 - Introduction

The monoclonal antibody from the hybridoma PBR-40 was established in mice with recombinant PBP2a (mecA) antigen. The subclass is IgG1. The antibody is purified with ProteinA from cell culture supernatant. The antibody detects 5000 lysed activated MRSA bacteria in direct ELISA. Alkaline Phosphatase and pNPP as substrate was used in the application. In Western Blot 10 ng PBP2a can be detected with alkaline phosphatase and BCIP/NBT as substrate.



### Information

Cat.No.	20.0501.02 (0.2 ml)
Hybridoma	PBR-40
Subclass	IgG1
Concentration	0.7 mg/ml
Host	Mouse Monoclonal
Purity	ProteinA purified

### - 2 - Manual

#### Recommendations of the secondary antibody: Concentration in µg/ml

	0.2	2	10	50	100	
WesternBlot	●	●	●	●	○	0.2 – 50 µg/ml
ELISA	●	●	●	●	○	0.2 – 50 µg/ml
IHC Dilution	○	●	●	●	●	0.2 – 50 µg/ml

Not for diagnostic or therapeutic use. Not for human use. For research purposes only. This product is not a medical device.  
Not for use in in vitro diagnostic procedure for clinical diagnosis. Custom tests must be done to determine the ability for a specific use.

## - 3 - Information

### Handling

Preservation 0.01% Na-Azide

Storage Conditions 2 – 8°C

The antibody fraction has an expiration date of 6 months at 2 - 4°C. In many cases the fraction is stable for years.

### Protocols

ELISA <https://data.davids-bio.com/protocols/12%20ELISA%20HRP.pdf>

WesternBlot <https://data.davids-bio.com/protocols/10%20WesternBlot.pdf>

IHC <https://data.davids-bio.com/protocols/11%20Protocols%20-%20IHC%20Frozen%20Tissue.pdf>

Antibody Storage <https://data.davids-bio.com/protocols/02%20Antibody%20Storage.pdf>