

bsm-61547R**[Primary Antibody]****Bioss**
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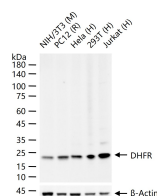
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DHFR Recombinant Rabbit mAb**— DATASHEET —**

| | | |
|---|----------------------|---|
| Host: Rabbit | Isotype: IgG | Applications: WB (1:500-2000) IHC-P (1:100-200) IHC-F (1:100-200) IF (1:50-200) ICC/IF (1:50-200) Reactivity: Human, Mouse, Rat Predicted MW.: 21 Subcellular Location: Cytoplasm |
| Clonality: Recombinant | | |
| GeneID: 1719 | SWISS: P00374 | |
| Target: DHFR | | |
| Immunogen: A synthesized peptide derived from human Dihydrofolate reductase: 134-187. | | |
| Purification: affinity purified by Protein A | | |
| Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. | | |
| Background: Key enzyme in folate metabolism. Contributes to the de novo mitochondrial thymidylate biosynthesis pathway. Catalyzes an essential reaction for de novo glycine and purine synthesis, and for DNA precursor synthesis. Binds its own mRNA and that of DHFR2. | | |

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with DHFR monoclonal antibody, unconjugated (bsm-61547R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.