

Product Datasheet

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Anti-Mouse H-2K^d D^{d,q,u} Purified Monoclonal Antibody

Product Information

Product No.: H162
Clone: A5A1-Do4
RRID: AB_2893695
Isotype: Mouse IgG3k

Product Description

Specificity:

Mouse Anti-Mouse I H-2K^d D^{d,q,u} (Clone Do4) recognizes Mouse I H-2K^d D^{d,q,u}. This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution:

Present on 100% of T-cells, B-cells, erythrocytes, macrophages, endothelial and epithelial tissue. Positive with this antibody are strains of independent haplotypes H-2KdDd,q,u. Positive are intra-H-2 recombinants carrying alleles Kd, Dd, Ld, Dq. Strains carrying all other alleles are negative.

Known Reactivity Species:

Mouse

Format:

Purified

Formulation

This purified antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

Storage and Stability

This antibody is stable when stored at 2-8°C. **Do not freeze.**

Applications

Applications and Recommended Usage (Quality Tested By Leinco):

FC The suggested concentration for clone A5A1-Do4 antibody for staining cells in flow cytometry is $\leq .25 \mu\text{g}$ per 10^6 cells in a volume of 100 μl or 100 μl of whole blood. Titration of the reagent is recommended for optimal performance for each application.

Other Applications Reported in Literature:

IP

WB

IHC FF

Country of Origin

USA

References

Hauptfeld, V. (1984) *Immunogenetics* 19:169

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

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