



Qty: 100 µg/200 µl

Mouse anti-Kaiso

Catalog No. 35-8500

Lot No.

Mouse anti-Kaiso

FORM

This monoclonal antibody is supplied as a 200 µl aliquot at a concentration of 0.5 mg/ml in PBS, pH 7.4, containing 0.1% sodium azide. This antibody is highly purified from mouse ascites by protein A chromatography.

CLONE: 6F

ISOTYPE: Mouse IgG₁

IMMUNOGEN

Fusion protein encompassing the N-terminus of mouse Kaiso.

SPECIFICITY

This antibody reacts with the ~95 kDa Kaiso protein.

REACTIVITY

Reactivity is confirmed with mouse mammary adenocarcinoma cell line CSML0. Reactivity has been confirmed in MDCK (dog), NBTII (rat), HCT116 (human) and chicken embryo fibroblasts.

Sample	ELISA	Immuno-precipitation (native)	Immuno-fluorescence	Western Blotting
Human	+++	+++	+++	+++
Mouse	+++	+++	+++	+++
Rat	+++	+++	+++	+++
Rabbit	ND	ND	ND	ND
Dog	+++	+++	+++	+++
Chicken	+++	+++	+++	+++

(Excellent +++, Good++, Poor +, No reactivity 0, Not applicable N/A, Not Determined ND)

USAGE

Working concentrations for specific applications should be determined by the investigator. Appropriate concentrations will be affected by several factors, including secondary antibody affinity, antigen concentration, sensitivity of detection method, temperature and length of incubations, etc. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

Immunoprecipitation ⁽¹⁾: 10 µg/IP reaction
Immunofluorescence ⁽¹⁾: 10 µg/ml
Western Blotting ⁽¹⁾: 1-3 µg/ml
ELISA: 0.1-1 µg/ml

Note: Immunofluorescent assays were performed on cell lines fixed with 100% methanol at -20°C for 7 minutes.

STORAGE

Store at 2-8°C for up to one month. Store at -20°C for long-term storage. Avoid repeated freezing and thawing.

(cont'd)

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PI358500

(Rev 10/08) DCC-08-1089

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BACKGROUND

Kaiso is a novel member of the BTB/POZ (Broad complex, Tramtrak, Bric à brac/Pox virus and zinc finger) zinc finger superfamily of transcription factors⁽¹⁾. Yeast 2-hybrid studies have shown that Kaiso interacts with catenin p120^{ctn}. This interaction involves the Arm repeats of 1-7 of the p120^{ctn} Armadillo domain and the carboxyl-terminal third of Kaiso⁽²⁾. The significance of the Kaiso:p120^{ctn} interaction is still unknown.

REFERENCES

1. Daniel JM et al. *Hybridoma*, 20(3):159-166, 2001
2. Daniel JM et al. *Mol Cell Biol*, 19:3614-3623, 1999

RELATED PRODUCTS

Product	Clone/PAD*	Cat. No.
Mouse anti-ARVCF	4B1	32-3200
Mouse anti- α -Catenin	α CAT-7A4	13-9700
Mouse anti- β -Catenin	CAT-5H10	13-8400
Mouse anti- γ -Catenin	PG-11E4	13-8500
Mouse anti-p120 ^{ctn}	6H11	33-9700
Mouse anti-p120 ^{ctn}	15D2	33-9600
Mouse anti-Desmoglein-1	27B2	32-6000
Mouse anti-Desmoglein-3	5G11	32-6300
Mouse anti-Desmocollin-2/3	7G6	32-6200
Mouse anti-Plakophilin-1	10B2	32-5700
Mouse anti-Plakophilin-3	23E3/4	35-7600
Protein A	Sepharose [®] 4B	10-1041
rec-Protein G	Sepharose [®] 4B	10-1241

*PAD: Polyclonal Antibody Designation

Conjugate	ZyMAX[™] Goat x Rabbit IgG (H+L)	ZyMAX[™] Goat x Mouse IgG (H+L)
Purified	81-6100	81-6500
FITC	81-6111	81-6511
TRITC	81-6114	81-6514
Cy [™] 3	81-6115	81-6515
Cy [™] 5	81-6116	81-6516
HRP	81-6120	81-6520
AP	81-6122	81-6522
Biotin	81-6140	81-6540

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