

Mouse Monoclonal Antibody to

BRK/PTK6

clone 24B7

Order No.: 0256-100/BRK-24B7

Size (µg) 100

Lot No.: 0256S

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02/290108F

Isotype	Species Reactivity	Applications	Mol. Weight	Ref. Cell Line	Epitope	Immunogen
IgG1	human	WB	52 kDa	MDA-MB-468	internal peptide derived from BRK/PTK6 sequence	peptide conjugated to hemocyanin

Background and Specificity:

The expression of protein - tyrosine - kinase 6 (PTK6, BRK - breast cancer related kinase) is restricted to normal differentiating epithelial cells. PTK6/BRK is overexpressed in many breast and ovarian cancer cell lines and the expression level is associated with poor prognosis.

Related Products

Purification:	The antibody was purified from serum-free cell culture supernatant by subsequent ultrafiltration and size exclusion chromatography.
Formulation:	liquid; 0.1mg/ml in PBS/0.09% Na-Azide/PEG and Sucrose/50% Glycerol
Reconstitution:	
Stability:	Aliquote and freeze in liquid nitrogen; reconstituted antibody can be stored frozen at -80°C up to 1 year. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months.
	Avoid repeated freeze / thaw cycles.
Positive Control:	#1021: Cell lysate from untreated MDA-MB 468 cells.
Immunoblotting:	0.5 µg/ml for HRPO/ECL detection Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product #3031-500/CPPT or #3031-3000/CPPT.
Immunoprecipitation:	ND
Immunocytochemistry:	ND
ELISA:	ND

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