

## Mouse Monoclonal Antibody to

# BRK/PTK6

## clone 24B7

**Order No.:** 0256-100/BRK-24B7  
**Size (µg)** 100  
**Lot No.:** 0256S



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

<b>Purification:</b>	The antibody was purified from serum-free cell culture supernatant by subsequent ultrafiltration and size exclusion chromatography.
<b>Formulation:</b>	liquid; 0.1mg/ml in in PBS/0.09% Na-Azide/PEG and Sucrose/50% Glycerol
<b>Reconstitution:</b>	
<b>Stability:</b>	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.  <b>Avoid repeated freeze / thaw cycles.</b>
<b>Positive Control:</b>	#1021: Cell lysate from untreated MDA-MB 468 cells.
<b>Immunoblotting:</b>	0.5 µg/ml for HRPO/ECL detection <b>Recommended blocking buffer:</b> Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product #3031-500/CPPT or #3031-3000/CPPT.
<b>Immunoprecipitation:</b>	ND
<b>Immunocytochemistry:</b>	ND
<b>ELISA:</b>	ND

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