

Mouse Monoclonal Antibody to

fer (Tyk3)

clone 6B9

Order No.: 0140-100/fer-6B9

Size (µg) 100

Lot No.: 0140S



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02/160307F

Isotype	Species Reactivity	Applications	Mol. Weight	Ref. Cell Line	Epitope	Immunogen
IgG1	human, mouse, dog, rat	WB, ELISA	90 kDa	T47D	near C terminus	peptide conjugated to hemocyanin

Background and Specificity:

Fer is a non-receptor tyrosine kinase that is widely expressed in different tissues and cell lines. Fer is a homologue of the FES tyrosine kinase that is primarily expressed in cells of hematopoietic origin.

Mab fer-6B9 specifically recognizes fer at 90 kDa in Western blot and is also suitable for ELISA applications.

Related Products

Purification:	The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography
Formulation:	lyophilized from 1 ml 2 x PBS / 0.09 % Na-azide / PEG and Sucrose.
Reconstitution:	Reconstitute with 1 ml H ₂ O (15 min, RT).
Stability:	For long-term storage, freeze lyophilizate upon arrival (-20°C). Upon reconstitution, 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: #1011: Cell lysate from untreated T47D cells

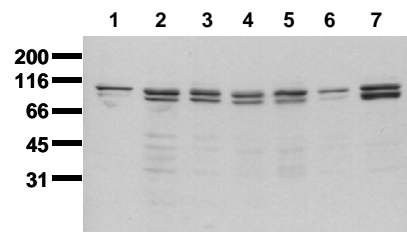
Immunoblotting: 1 µg/ml for HRPO/ECL detection
Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer, e.g. nanoTools product #3031-500/CPPT or #3031-3000/CPPT.

Immunoprecipitation: ND

Immunocytochemistry: ND

ELISA: use at 0.1 µg/ml

All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.



Detection of endogenous fer
 Whole cell extracts of pervanadate (VH) treated tumor cells (20,000 cells per lane) were applied to SDS-PAGE and transferred to PVDF membranes. Immunoblots were probed with mab fer-6B9 (0.5 µg/ ml) for 1h at RT and developed by ECL (exp. time: 30 sec).
 VH treatment: 15 min
 lane 1: A431; lane 2: SW480; lane 3: SW620; lane 4: HT29; lane 5: MCF-7; lane 6: MDA-MB231; lane 7: T47D