

## Product datasheet for **TA352766**

### Ifng Mouse Monoclonal Antibody [Clone ID: DB-14]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	DB-14
Recommended Dilution:	ELISA, ELISPOT, Immunohistochemistry, Neutralization assay, Western Blot
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	IFN-gamma
Formulation:	Prior to lyophilization: 0.5 ml PBS + 125 mM trehalose.
Concentration:	lot specific
Purification:	Ion exchange chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17.9 kDa
Gene Name:	interferon gamma
Database Link:	<a href="#">NP_620235</a> <a href="#">Entrez Gene 25712 Rat P01581</a>

**Background:** The mouse anti-rat IFN- $\gamma$  monoclonal antibody (clone DB-14) is of the IgG2a subtype. The DB-14 antibody has shown neutralizing activity and shows not to bind with rodent IFN- $\alpha$ 1 and - $\beta$  or to mouse or human IFN- $\gamma$ . In Western blot analysis the DB-14 antibody reacts with the 14 kDa and 18 kDa polypeptides present in rat IFN- $\gamma$  (van der Meide P.H. et al. 1989). Further, the DB-14 antibody is effective in ELISA systems and is applicable in immunohistochemistry (Ljungdahl A. et al. 1989).

**Synonyms:** IFG; IFI; IFN-gamma



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