

## Product datasheet for **TA352764**

### Ifng Mouse Monoclonal Antibody [Clone ID: DB-12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	DB-12
Recommended Dilution:	ELISA, ELISPOT, Intracellular staining, Immunohistochemistry
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	IFN-gamma
Formulation:	Prior to lyophilization: 0.5 ml PBS + 1% BSA + 125 mM trehalose.
Concentration:	lot specific
Purification:	Ion exchange chromatography.
Conjugation:	Biotin
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>



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**Background:**

The mouse anti-rat IFN- $\gamma$  monoclonal antibody (clone DB-12) was first described by Van der Meide P.H. et al. in 1989. The rat IFN- $\gamma$  antibody is of the IgG1 subtype and possesses very low neutralizing activity. In Western blot analysis the DB-12 antibody reacts with the 14 kDa and 18 kDa polypeptides present in rat IFN- $\gamma$  with moderate activity and it has shown not to bind with either mouse IFN- $\gamma$  nor human IFN- $\gamma$ . Further, the DB-12 antibody is highly effective as coating antibody in both sandwich ELISA and ELISPOT assays using biotinylated DB-1 antibody for detection. Also the reverse combination in which the DB-1 antibody functions as coating antibody and biotinylated DB-12 antibody as detector can be used in an ELISA system (Haagmans B.L. et al. 1994). The DB-12 antibody is also applicable in immunohistochemistry on frozen tissues and intracellular staining (Nennesmo, I. et al. 1989 and Bernard, I et al. 1998).

**Synonyms:**

IFG; IFI; IFN-gamma