



Diacclone

## DIACLONE Immunology Products

### Anti-Human CD53 Azide Free

Clone: TS53

|                       |                                                                                                                                                                                                                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CATALOGUE N° :</b> | 857.760.000                                                                                                                                                                                                                                                                                            |
| <b>CLONE :</b>        | TS53                                                                                                                                                                                                                                                                                                   |
| <b>ISOTYPE :</b>      | IgG1                                                                                                                                                                                                                                                                                                   |
| <b>IMMUNISATION :</b> | Jurkat cell line                                                                                                                                                                                                                                                                                       |
| <b>HYBRIDOMA :</b>    | Myeloma X63/AG8. x Balb/c spleen cells                                                                                                                                                                                                                                                                 |
| <b>SPECIFICITY :</b>  | Recognises the MEM-53 antigen, a 30-50 kDa (smear) protein                                                                                                                                                                                                                                             |
| <b>QUANTITY :</b>     | 200 µg / 200 µl                                                                                                                                                                                                                                                                                        |
| <b>PURIFICATION :</b> | Ion exchange chromatography                                                                                                                                                                                                                                                                            |
| <b>FORMAT :</b>       | Phosphate-buffered saline. Sterile-filtered through 0.22 µm. Carrier and preservative free                                                                                                                                                                                                             |
| <b>STORAGE :</b>      | Stable at +2-8°C for 12 months<br>For longer storage, freeze aliquots                                                                                                                                                                                                                                  |
| <b>APPLICATION :</b>  | Suitable for flow cytometry , immunoprecipitation and Western-Blot (under non-reducing conditions)                                                                                                                                                                                                     |
| <b>REFERENCES :</b>   | Charrin S. et al., Eur. J. Immunol., 2003; 33: 2479-2489<br>Charrin S. et al., Biochem. J., 2003; 373: 409-421<br>Charrin S. et al., Biochem. Biophys. Res. Commun., 2003; 304: 107-112<br>Charrin S. et al., FEBS Lett., 2002; 516: 139-144<br>Poloso, N. J. et al., J Immunol., 2006; 177(8): 5451-8 |

97.4 —  
58.1 —  
39.8 —  
29 —  
20 —



1,3 10<sup>5</sup> Raji cells were lysed (lysis buffer containing 1% Brij97 or triton)  
Migration SDS/page 5-15% gel under non-reducing conditions

### 25 YEARS OF EXPERTISE

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The expanding range of Diacclone Immunology products is specifically designed to advance research applications.

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#### DIACLONE SAS

1 Boulevard A. Fleming – BP 1985  
25020 Besançon cedex – France  
Tel: +33 (0)3 81 41 38 38  
Fax: +33 (0)3 81 41 36 36  
info@diacclone.com



[www.diacclone.com](http://www.diacclone.com)